



# Nano-Tag9 Monoclonal Antibody(4C1)

|                           |                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No                | BYab-04838                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                |
| Reactivity                | Species independent                                                                                                                                                                                                                                                                                                                                                                                |
| Applications              | WB                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Name                 |                                                                                                                                                                                                                                                                                                                                                                                                    |
| Protein Name              |                                                                                                                                                                                                                                                                                                                                                                                                    |
| Immunogen                 | Synthetic Peptide of Nano-Tag9                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity               | The antibody detects the protein which have Nano-Tag9                                                                                                                                                                                                                                                                                                                                              |
| Formulation               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                            |
| Source                    | Monoclonal, Mouse                                                                                                                                                                                                                                                                                                                                                                                  |
| Purification              | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                         |
| Dilution                  | WB 1:2000-5000                                                                                                                                                                                                                                                                                                                                                                                     |
| Concentration             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                            |
| Purity                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                                               |
| Storage Stability         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                       |
| Synonyms                  |                                                                                                                                                                                                                                                                                                                                                                                                    |
| Observed Band             |                                                                                                                                                                                                                                                                                                                                                                                                    |
| Cell Pathway              |                                                                                                                                                                                                                                                                                                                                                                                                    |
| Tissue Specificity        |                                                                                                                                                                                                                                                                                                                                                                                                    |
| Function                  |                                                                                                                                                                                                                                                                                                                                                                                                    |
| Background                | The Nano-tag is a new streptavidin-binding peptide for both the purification and the detection of Nano-tagged proteins. This peptide possesses nanomolar-affinity for streptavidin and therefore is termed Nano-tag. The nano-tags have two types, Nano-tag15(MDVEAWLGARVPLVET) and Nano-tag9(MDVEAWLGAR), which bind to streptavidin with dissociation constants of 4 nM and 17 nM, respectively. |
| matters needing attention | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                               |

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### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

### Products Images

4CL



Western blot analysis of Recombinant Nano-Tag9  
Protein with Nano-Tag9 Mouse mAb diluted at  
1)1:10,000 2)1:5,000