



NLRC4 mouse mAb

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| Catalog No | BYmab-11878 |
| Isotype | IgG |
| Reactivity | Human; Mouse;Rat |
| Applications | WB |
| Gene Name | NLRC4 CARD12 CLAN CLAN1 IPAF UNQ6189/PRO20215 |
| Protein Name | NLRC4 |
| Immunogen | Synthesized peptide derived from human NLRC4 AA range: 481-531 |
| Specificity | This antibody detects endogenous levels of NLRC4 at Human/Mouse/Rat |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Monoclonal, Mouse,IgG |
| Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | |
| Cell Pathway | Cytoplasm . Cytoplasm, cytosol . Inflammasome . |
| Tissue Specificity | Isoform 2 is expressed ubiquitously, although highly expressed in lung and spleen. Isoform 1 is highly expressed in lung, followed by leukocytes especially monocytes, lymph node, colon, brain, prostate, placenta, spleen, bone marrow and fetal liver. Isoform 4 is only detected in brain. |
| Function | function:Plays a role in the promotion of apoptosis.,similarity:Contains 1 CARD domain.,similarity:Contains 1 NACHT domain.,similarity:Contains 14 LRR (leucine-rich) repeats.,subcellular location:Cytoplasmic filaments.,subunit:Self-associates and binds to ASC, pro-caspase-1, NOD2, BCL10 and NALP1 (NAC) by CARD-CARD interaction.,tissue specificity:Isoform 2 is expressed ubiquitously, although highly expressed in lung and spleen. Isoform 1 is highly expressed in lung, followed by leukocytes especially monocytes, lymph node, colon, brain, prostate, placenta, spleen, bone marrow and fetal liver. Isoform 4 is only detected in brain., |

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| Background | This gene encodes a member of the caspase recruitment domain-containing NLR family. Family members play essential roles in innate immune response to a wide range of pathogenic organisms, tissue damage and other cellular stresses. Mutations in this gene result in autoinflammation with infantile enterocolitis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014], |
| matters needing attention | Avoid repeated freezing and thawing! |
| Usage suggestions | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

Products Images

