



# EF1D Monoclonal Antibody

|                    |  |
|--------------------|--|
| Catalog No         | BYmab-05568  |
| Isotype            | IgG  |
| Reactivity         | Human;Mouse;Rat  |
| Applications       | WB   |
| Gene Name          | EEF1D EF1D   |
| Protein Name       | Elongation factor 1-delta (EF-1-delta) (Antigen NY-CO-4)   |
| Immunogen          | Synthesized peptide derived from part region of human protein  |
| Specificity        | EF1D Monoclonal Antibody detects endogenous levels of protein.   |
| Formulation        | Liquid in PBS containing 50% glycerol, 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      | 30kD   |
| Cell Pathway       | [Isoform 2]: Nucleus .   |
| Tissue Specificity | Isoform 2 is specifically expressed in brain, cerebellum and testis.   |
| Function           | function:EF-1-beta and EF-1-delta stimulate the exchange of GDP bound to EF-1-alpha to GTP.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the EF-1-beta/EF-1-delta family.,subunit:EF-1 is composed of 4 subunits: alpha, beta, delta, and gamma.,   |
| Background         | eukaryotic translation elongation factor 1 delta(EEF1D) Homo sapiens This gene encodes a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit, delta, functions as guanine nucleotide exchange factor. It is reported that following HIV-1 infection, this subunit interacts with HIV-1 Tat. This interaction results in repression of translation of host cell proteins and enhanced translation of viral proteins. Several alternatively spliced transcript variants encoding multiple |

Nanjing BYabscience technology Co.,Ltd



isoforms have been found for this gene. Related pseudogenes have been defined on chromosomes 1, 6, 7, 9, 11, 13, 17, 19.[provided by RefSeq, Aug 2010],

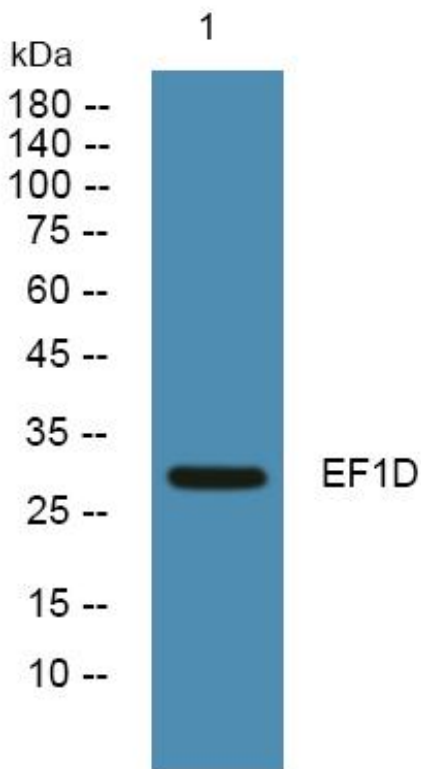
**matters needing attention**

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



Western Blot analysis of various cells using EF1D Monoclonal Antibody