



IF3 Monoclonal Antibody

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|---------------------------|---|
| Catalog No | BYmab-03926 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse; |
| Applications | WB |
| Gene Name | MTIF3 |
| Protein Name | Translation initiation factor IF-3 mitochondrial |
| Immunogen | The antiserum was produced against synthesized peptide derived from human MTIF3. AA range:69-118 |
| Specificity | IF3 Monoclonal Antibody detects endogenous levels of IF3 protein. |
| 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 | MTIF3; DC38; Translation initiation factor IF-3; mitochondrial; IF-3(Mt); IF-3Mt; IF3(mt); IF3mt |
| Observed Band | 30kD |
| Cell Pathway | Mitochondrion . |
| Tissue Specificity | Cervix,Colon,Dendritic cell,Melanocyte, |
| Function | function:IF-3 binds to the 28S ribosomal subunit and shifts the equilibrium between 55S ribosomes and their 39S and 28S subunits in favor of the free subunits, thus enhancing the availability of 28S subunits on which protein synthesis initiation begins.,similarity:Belongs to the IF-3 family., |
| Background | This gene encodes a translation initiation factor that is involved in mitochondrial protein synthesis. Polymorphism in this gene is associated with the onset of Parkinson's disease. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 5. [provided by RefSeq, Oct 2009], |

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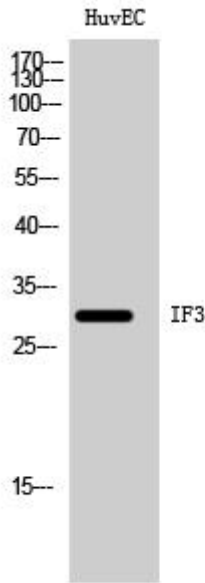
matters needing attention

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 IF3 Monoclonal Antibody