# TUT4 Monoclonal Antibody

| | |
|---|---|
| **Catalog No** | YP-mAb-06406 |
| **Isotype** | IgG |
| **Reactivity** | Human;Mouse |
| **Applications** | WB |
| **Gene Name** | ZCCHC11 KIAA0191 TUT4 |
| **Protein Name** | Terminal uridylyltransferase 4 (TUTase 4) (EC 2.7.7.52) (Zinc finger CCHC domain-containing protein 11) |
| **Immunogen** | Synthesized peptide derived from part region of human protein |
| **Specificity** | TUT4 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 1:500-1:2000 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | |
| **Observed Band** | 180kD |
| **Cell Pathway** | Nucleus . Cytoplasm . Cytoplasm, Cytoplasmic ribonucleoprotein granule . Mainly cytoplasmic (PubMed:19703396, PubMed:25480299). Translocates into the cytoplasm following treatment of the cell with LPS (PubMed:16643855). Co-enriched in cytoplasmic foci with MOV10 (PubMed:30122351). . |
| **Tissue Specificity** | |
| **Function** | RNA processing, RNA catabolic process, macromolecule catabolic process, response to organic substance, miRNA metabolic process, miRNA catabolic process, negative regulation of macromolecule metabolic process,posttranscriptional regulation of gene expression, negative regulation of gene expression, posttranscriptional gene silencing, gene silencing, stem cell maintenance, gene silencing by RNA, dsRNA fragmentation, pre-microRNA processing, RNA 3'-end processing, ncRNA processing, ncRNA metabolic process, ncRNA catabolic process,posttranscriptional gene silencing by RNA, gene silencing by miRNA, gene silencing by miRNA, production of miRNAs,regulation of gene expression, epigenetic, response to dsRNA, cellular macromolecule catabolic process, negative regulation of cell differentiation, stem cell differentiation, stem cell development, |

| | |
|---|---|
| **Background** | ZCCHC11 is an RNA uridyltransferase (EC 2.7.7.52) that uses UTP to add uridines to the 3-prime end of substrate RNA molecules (Jones et al., 2009 [PubMed 19701194]).[supplied by OMIM, Jan 2011], |
| **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