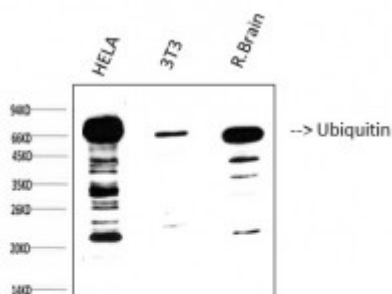


Anti-Ubiquitin antibody



Western Blot (WB) analysis of 1. HELA 2. 3T3 3. Rat brain cells using Ubiquitin Mouse Monoclonal Antibody(5F1). (STJ97742)



Description

Ubiquitin is a protein encoded by the UBB gene which is approximately 25,7 kDa. Ubiquitin is localised to the cytoplasm and nucleus. It is involved in CDK-mediated phosphorylation and removal of Cdc6, RET signalling, activated TLR4 signalling and signalling by Notch1. It is one of the most conserved proteins known and has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression and the stress response. Ubiquitin is expressed in the nervous system, blood, liver and pancreas. Mutations in the UBB gene may result in a cleft palate. STJ97742 was developed from clone 5F1 and was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. This primary antibody detects endogenous levels of ubiquitin.

| | |
|-----------------------|--|
| Model | STJ97742 |
| Host | Mouse |
| Reactivity | Human, Mouse, Rat |
| Applications | IHC, WB |
| Immunogen | synthetic peptide derived from Ubiquitin |
| Dilution range | WB 1:1000-2000IHC 1:100-200 |
| Specificity | Ubiquitin Mouse Monoclonal Antibody (5F1) detects endogenous levels of Ubiquitin |
| Purification | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. |
| Clone ID | 5F1 |

| | |
|----------------------------|---|
| Note | For Research Use Only (RUO). |
| Protein Name | Polyubiquitin-B Ubiquitin |
| Clonality | Monoclonal |
| Conjugation | Unconjugated |
| Isotype | IgG1 |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Concentration | 1 mg/ml |
| Storage Instruction | Store at -20°C, and avoid repeat freeze-thaw cycles. |
| Alternative Names | Polyubiquitin-B Ubiquitin |

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