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| Cat. No: | MABN84024 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG |
| Immunogen: | A synthesized peptide derived from human TXNIP |
| Reactivity: | Human,Mouse,Rat |
| Applications: | WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100 |
| Molecular Weight: | Calculated MW: 44 kDa ; Observed MW: 53 kDa |
| Purification: | Affinity Purification |
| Synonyms: | HHCPA78; THIF; TXNIP; VDUP1;;TXNIP |
| Background: | May act as an oxidative stress mediator by inhibiting thioredoxin activity or by limiting its bioavailability. Interacts with COPS5 and restores COPS5-induced suppression of CDKN1B stability, blocking the COPS5-mediated translocation of CDKN1B from the nucleus to the cytoplasm. Functions as a transcriptional repressor, possibly by acting as a bridge molecule between transcription factors and corepressor complexes, and over-expression will induce G0/G1 cell cycle arrest. Required for the maturation of natural killer cells. |
| Form: | Liquid |
| Buffer: | Purified antibody in PBS with 0.05% sodium azide,0.05% BSA and 50% glycerol. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |

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