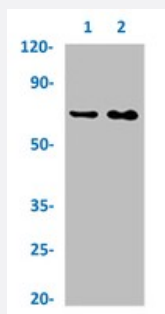


RecomAb™

STIP1 recombinant monoclonal antibody, clone 3E4

Catalog # RAB04340 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: Jurkat whole cell lysate and Lane 2: K562 whole cell lysate with STIP1 recombinant monoclonal antibody, clone 3E4 (Cat # RAB04340).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human STIP1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human STIP1.
Theoretical MW (kDa)	Calculated MW: 63, 6
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)

Storage Instruction

Store at -20 °C or -80 °C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: Jurkat whole cell lysate and Lane 2: K562 whole cell lysate with STIP1 recombinant monoclonal antibody, clone 3E4 (Cat # RAB04340).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — STIP1

Entrez GeneID[10963](#)**Protein Accession#**[P31948](#)**Gene Name**

STIP1

Gene Alias

HOP, IEF-SSP-3521, P60, STI1, STI1L

Gene Description

stress-induced-phosphoprotein 1

Omim ID[605063](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

STIP1 is an adaptor protein that coordinates the functions of HSP70 (see HSPA1A; MIM 140550) and HSP90 (see HSP90AA1; MIM 140571) in protein folding. It is thought to assist in the transfer of proteins from HSP70 to HSP90 by binding both HSP90 and substrate-bound HSP70. STIP1 also stimulates the ATPase activity of HSP70 and inhibits the ATPase activity of HSP90, suggesting that it regulates both the conformations and ATPase cycles of these chaperones (Song and Ma sison, 2005 [PubMed 16100115]).[supplied by OMIM]

Other Designations

Hsp70/Hsp90-organizing protein|stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein)

Pathway

- [Prion diseases](#)

Disease

- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)