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SCAP1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant SCAP1.
Catalog # AT3781a

Specification

SCAP1 Antibody (monoclonal) (M01) - Product Information

Application	**WB, IHC**
Primary Accession	Q86WV1
Other Accession	BC047870
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**41432**

SCAP1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 8631

Other Names
Src kinase-associated phosphoprotein 1, Src family-associated phosphoprotein 1, Src kinase-associated phosphoprotein of 55 kDa, SKAP-55, pp55, SKAP1, SCAP1, SKAP55

Target/Specificity
SCAP1 (AAH47870, 1 a.a. ~ 358 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

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

Precautions
SCAP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

SCAP1 Antibody (monoclonal) (M01) - Protocols

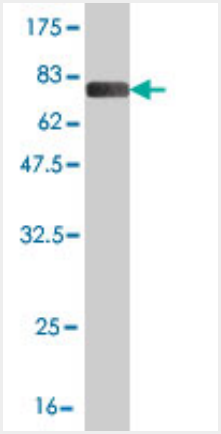
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

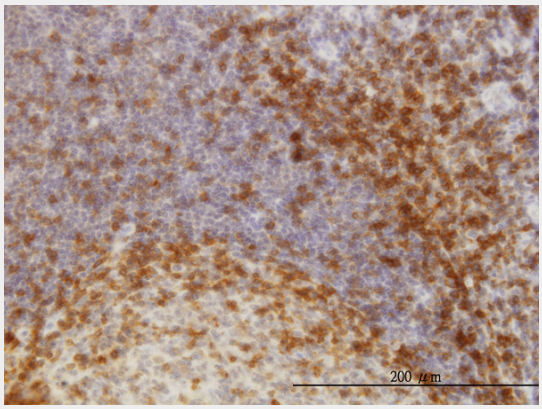
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SCAP1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (65.12 KDa) .



Immunoperoxidase of monoclonal antibody to SCAP1 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]

SCAP1 Antibody (monoclonal) (M01) - Background

This gene encodes a T cell adaptor protein, a class of intracellular molecules with modular domains capable of recruiting additional proteins but that exhibit no intrinsic enzymatic activity. The encoded protein contains a unique N-terminal region followed by a PH domain and C-terminal SH3 domain. Along with the adhesion and degranulation-promoting adaptor protein, the encoded protein plays a critical role in inside-out signaling by coupling T-cell antigen receptor stimulation to the activation of integrins.

SCAP1 Antibody (monoclonal) (M01) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.T cell receptor inside-out pathway via signaling module SKAP1-RapL regulates T cell motility and interactions in lymph nodes. Raab M, et al. Immunity, 2010 Apr 23. PMID 20346707.A novel S3S-TAP-tag for the isolation of T-cell

interaction partners of adhesion and degranulation promoting adaptor protein. Lehmann R, et al. Proteomics, 2009 Dec. PMID 19798671.SKAP associates with kinetochores and promotes the metaphase-to-anaphase transition. Fang L, et al. Cell Cycle, 2009 Sep 1. PMID 19667759.SKAP55 modulates T cell antigen receptor-induced activation of the Ras-Erk-AP1 pathway by binding RasGRP1. Kosco KA, et al. Mol Immunol, 2008 Jan. PMID 17658605.