

SH3BP5 / SAB Antibody (clone 2B3)
Mouse Monoclonal Antibody
Catalog # ALS13453**Specification**

SH3BP5 / SAB Antibody (clone 2B3) - Product Information

Application	WB, IF, IHC
Primary Accession	O60239
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	50kDa KDa

SH3BP5 / SAB Antibody (clone 2B3) - Additional Information**Gene ID** 9467**Other Names**

SH3 domain-binding protein 5, SH3BP-5, SH3 domain-binding protein that preferentially associates with BTK, SH3BP5, SAB

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

SH3BP5 / SAB Antibody (clone 2B3) is for research use only and not for use in diagnostic or therapeutic procedures.

SH3BP5 / SAB Antibody (clone 2B3) - Protein Information**Name** SH3BP5**Synonyms** SAB**Function**

Functions as a guanine nucleotide exchange factor (GEF) with specificity for RAB11A and RAB25 (PubMed:26506309, PubMed:30217979). Inhibits the auto- and transphosphorylation activity of BTK. Plays a negative regulatory role in BTK-related cytoplasmic signaling in B- cells. May be involved in BCR-induced apoptotic cell death.

Cellular Location

Cytoplasmic vesicle membrane; Peripheral membrane protein. Mitochondrion. Note=Colocalizes with RAB11A on cytoplasmic vesicle membranes.

Tissue Location

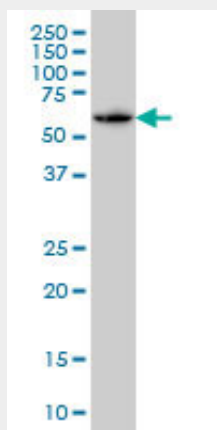
Highly expressed in testis and ovaries. It is also expressed in a variety of tissues including spleen, lymph node, thymus, bone marrow, fetal liver, colon, small intestine and prostate

SH3BP5 / SAB Antibody (clone 2B3) - Protocols

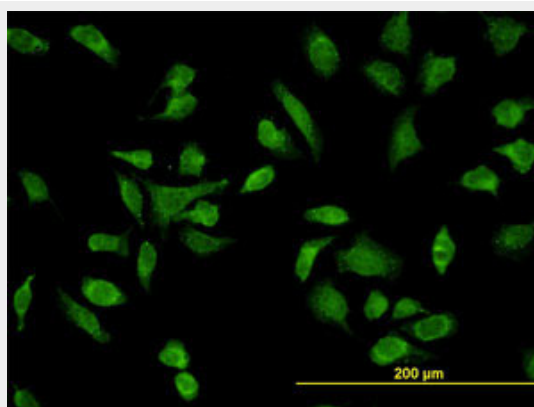
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

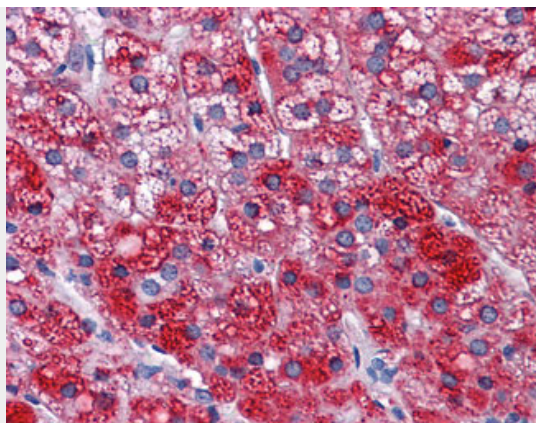
SH3BP5 / SAB Antibody (clone 2B3) - Images



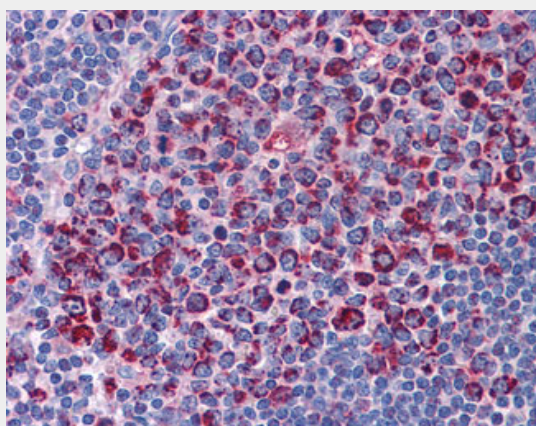
SH3BP5 monoclonal antibody (M01), clone 2B3 Western blot of SH3BP5 expression in A-431.



Immunofluorescence of monoclonal antibody to SH3BP5 on HeLa cell (antibody concentration 10 ug/ml).



Anti-SH3BP5 antibody IHC of human adrenal.



Anti-SH3BP5 antibody IHC of human tonsil.

SH3BP5 / SAB Antibody (clone 2B3) - Background

Inhibits the auto- and transphosphorylation activity of BTK. Plays a negative regulatory role in BTK-related cytoplasmic signaling in B-cells. May be involved in BCR-induced apoptotic cell death.

SH3BP5 / SAB Antibody (clone 2B3) - References

- Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Muzny D.M.,et al.Nature 440:1194-1198(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Matsushita M.,et al.Biochem. Biophys. Res. Commun. 245:337-343(1998).