

TROVE2 Antibody (clone 2B4)
Mouse Monoclonal Antibody
Catalog # ALS15242**Specification**

TROVE2 Antibody (clone 2B4) - Product Information

Application	WB, IHC
Primary Accession	P10155
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	61kDa KDa

TROVE2 Antibody (clone 2B4) - Additional Information**Gene ID** 6738**Other Names**

60 kDa SS-A/Ro ribonucleoprotein, 60 kDa Ro protein, 60 kDa ribonucleoprotein Ro, RoRNP, Ro 60 kDa autoantigen, Sjogren syndrome antigen A2, Sjogren syndrome type A antigen, SS-A, TROVE domain family member 2, TROVE2, RO60, SSA2

Target/Specificity

Human TROVE2

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

TROVE2 Antibody (clone 2B4) is for research use only and not for use in diagnostic or therapeutic procedures.

TROVE2 Antibody (clone 2B4) - Protein Information**Name** RO60 ([HGNC:11313](#))**Function**

RNA-binding protein that binds to misfolded non-coding RNAs, pre-5S rRNA, and several small cytoplasmic RNA molecules known as Y RNAs (PubMed:[18056422](http://www.uniprot.org/citations/18056422), PubMed:[26382853](http://www.uniprot.org/citations/26382853)). Binds to endogenous Alu retroelements which are induced by type I interferon and stimulate porinflammatory cytokine secretion (PubMed:[26382853](http://www.uniprot.org/citations/26382853)). Regulates the expression of Alu retroelements as well as inflammatory genes (PubMed:[26382853](http://www.uniprot.org/citations/26382853)). May play roles in cilia formation and/or maintenance (By similarity).

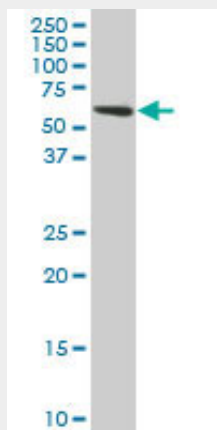
Cellular Location

Cytoplasm. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

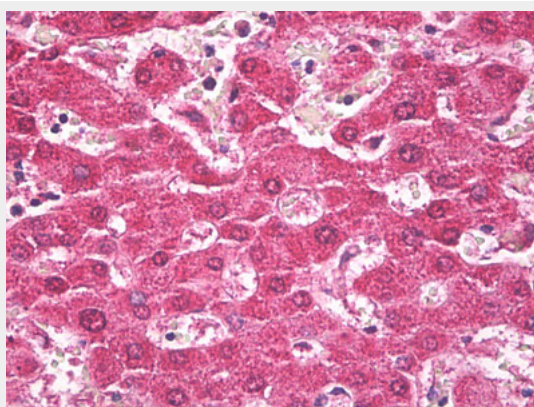
TROVE2 Antibody (clone 2B4) - Protocols

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](#)

TROVE2 Antibody (clone 2B4) - Images

TROVE2 monoclonal antibody (M01), clone 2B4. Western blot of TROVE2 expression in HeLa.



Anti-TROVE2 antibody IHC of human liver.

TROVE2 Antibody (clone 2B4) - Background

RNA-binding protein that binds to misfolded non-coding RNAs, pre-5S rRNA, and several small cytoplasmic RNA molecules known as Y RNAs. May stabilize some of these RNAs and protect them from degradation.

TROVE2 Antibody (clone 2B4) - References

Deutscher S.L.,et al.Proc. Natl. Acad. Sci. U.S.A. 85:9479-9483(1988).
Ben-Chetrit E.,et al.J. Clin. Invest. 83:1284-1292(1989).
Buyon J.P.,et al.Submitted (OCT-1996) to the EMBL/GenBank/DDBJ databases.
Han Q.,et al.Submitted (DEC-2002) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).