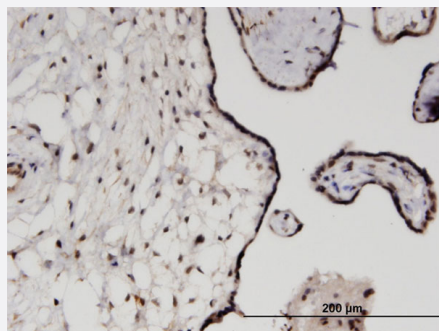


TRIM21 monoclonal antibody (M01), clone 2C9

Catalog # H00006737-M01

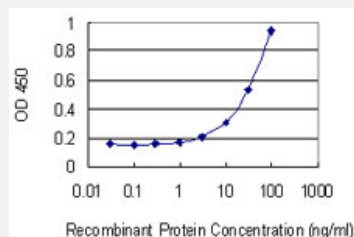
Size 100 ug

Applications



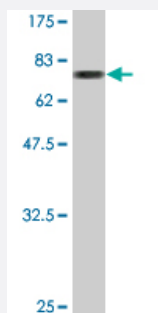
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TRIM21 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TRIM21 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (77.99 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant TRIM21.

Immunogen	TRIM21 (AAH10861, 1 a.a. ~ 475 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MASAARLTMMWEEVTCPICLDPFVEPVSIIECGHSFCQECISQVGKGGGSVCPVCRQRFLKLNLR PNRQLANMVNNLKEISQEAREGTQGERCAVHGERLHLFCEKDGKALCWVCAQSRKHRDHAMV PLEEAAQEYQEKQLQVALGELRRKQELAEKLEVEIAIKRADWKKTVETQKSRIHAEFVQQKNFLVE EEQRQLQELEKDEREQLRILGEKEAKLAQQSQALQELISELDRRCHSSALELLQEVIIVLERSESW NLKDLDTSPELRSVCHVPGLKKMLRTCAVHITLDPDTANPWLILSEDRRQVRLGDTQQSIPGNEE RFDSYPMVLGAQHFHSGKHWEVDVTGKEAWDLGVCRDSSVRRKGHFLSSKSGFWTMLWNK QKYEAGTYPQTPLHLQVPPCQVGIFLDYEAGMVSFYNITDHGSLYSFSECAFTGPLRPFFSPGFN DGGKNTAPLTLCPLNIGSQGSTDY
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (77.99 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TRIM21 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TRIM21 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TRIM21

Entrez GeneID [6737](#)

GeneBank Accession# [BC010861](#)

Protein Accession# [AAH10861](#)

Gene Name TRIM21

Gene Alias RNF81, RO52, SSA, SSA1

Gene Description tripartite motif-containing 21

Omim ID [109092](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The encoded protein is part of the RoSSA ribonucleoprotein, which includes a single polypeptide and one of four small RNA molecules. The RoSSA particle localizes to both the cytoplasm and the nucleus. RoSSA interacts with autoantigens in patients with Sjogren syndrome and systemic lupus erythematosus. Alternatively spliced transcript variants for this gene have been described but the full-length nature of only one has been determined. [provided by RefSeq]

Other Designations Sicca syndrome antigen A|Sjogren syndrome antigen A1 (52kDa, ribonucleoprotein autoantigen SS-A/Ro)|tripartite motif protein 21

Pathway

- [Systemic lupus erythematosus](#)

Disease

- [Anemia](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Ovarian Neoplasms](#)