

For Research Use Only

TROVE2 Monoclonal antibody, PBS Only



Catalog Number: 67149-1-PBS

Basic Information

Catalog Number: 67149-1-PBS	GenBank Accession Number: BC036658	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6738	CloneNo.: 2A4E5
Source: Mouse	UNIPROT ID: P10155	
Isotype: IgG2a	Full Name: TROVE domain family, member 2	
Immunogen Catalog Number: AG4379	Calculated MW: 60 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, Mouse, Rat

Background Information

TROVE2, also named as RO60 or RoRNP, is a 538 amino acid protein, which is localized in cytoplasmic mRNP granules containing untranslated mRNAs. TROVE2 as a RNA-binding protein that binds to misfolded non-coding RNAs, pre-5S rRNA, and several small cytoplasmic RNA molecules known as Y RNAs. TROVE2 may stabilize some of these RNAs and protect them from degradation (PubMed:18056422). TROVE2 binds to endogenous Alu retroelements which are induced by type I IFN and stimulate proinflammatory cytokine secretion.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

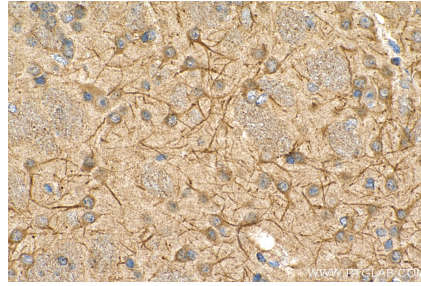
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 67149-1-Ig (TROVE2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67149-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67149-1-Ig (TROVE2 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67149-1-PBS in a different storage buffer formulation.