

For Research Use Only



CoraLite® Plus 488-conjugated TROVE2 Monoclonal antibody

Catalog Number: **CL488-67149**

Basic Information

Catalog Number: CL488-67149	GenBank Accession Number: BC036658	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6738	CloneNo.: 2A4E5
Source: Mouse	UNIPROT ID: P10155	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	Full Name: TROVE domain family, member 2	
Immunogen Catalog Number: AG4379	Calculated MW: 60 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:
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 -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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
W: ptglab.com

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