

For Research Use Only

CoraLite® Plus 488-conjugated EXOSC6 Recombinant monoclonal antibody

Catalog Number:**CL488-84346-4**

Featured Product



Basic Information

Catalog Number:	CL488-84346-4	GenBank Accession Number:	NM_058219	Purification Method:	Protein A purification
Source:	Rabbit	GenID (NCBI):	118460	CloneNo.:	241535C3
Isotype:	IgG	UNIPROT ID:	Q5RKV6	Recommended Dilutions:	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	AG33513	Full Name:	exosome component 6	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
		Calculated MW:	28kd		
		Observed MW:	28-32 kDa		

Applications

Tested Applications:	IF/ICC	Positive Controls:
Species Specificity:	human	IF/ICC: HepG2 cells,

Background Information

EXOSC6 (exosome component 6), also known as p11 or MTR3. The calculated molecular weight of EXOSC6 is 28 kDa. And it has low tissue specificity. The gene product constitutes one of the subunits of the multisubunit particle called exosome, which mediates mRNA degradation. It is also a component of the RNA exosome complex (PMID: 29906447). The composition of human exosome is similar to its yeast counterpart. EXOSC6 is homologous to the yeast Mtr3 protein. Its exact function is not known, however, it has been shown using a cell-free RNA decay system that the exosome is required for rapid degradation of unstable mRNAs containing AU-rich elements (AREs), but not for poly(A) shortening. The exosome does not recognize ARE-containing mRNAs on its own, but requires ARE-binding proteins that could interact with the exosome and recruit it to unstable mRNAs, thereby promoting their rapid degradation.

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, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

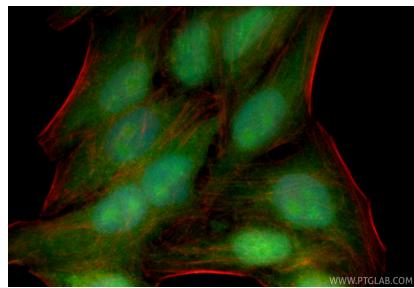
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488 EXOSC6 antibody (CL488-84346-4, Clone: 241535C3) at dilution of 1:200, CL594-phalloidin (red).