

For Research Use Only

Mouse calreticulin Recombinant antibody, PBS Only

Catalog Number: 85593-6-PBS



Basic Information

Catalog Number: 85593-6-PBS	GenBank Accession Number: NM_007591.3	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 12317	CloneNo.: 243011A9
Source: Rabbit	UNIPROT ID: P14211	
Isotype: IgG	Full Name: calreticulin	
Immunogen Catalog Number: EG3005	Calculated MW: 48 kDa	
	Observed MW: 50-55 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

CALR, also named as grp60, ERp60, HACBP, CRP55, CRTC and Calregulin, belongs to the calreticulin family. It is a molecular calcium-binding chaperone promoting folding, oligomeric assembly and quality control in the ER via the calreticulin/calnexin cycle. CALR is a ER marker. It interacts transiently with almost all of the monoglucosylated glycoproteins that are synthesized in the ER. CALR interacts with the DNA-binding domain of NR3C1 and mediates its nuclear export.

Storage

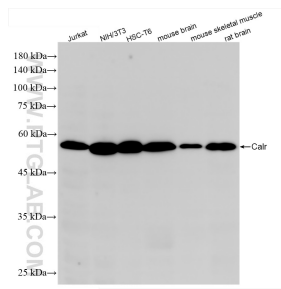
Storage:
Store at -80°C.

Storage Buffer:
PBS only

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



Various lysates were subjected to SDS PAGE followed by western blot with 85593-6-RR (Calr antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85593-6-PBS in a different storage buffer formulation.