

For Research Use Only

ERAP2 Monoclonal antibody

Catalog Number: 67477-1-Ig **1 Publications**



Basic Information

Catalog Number: 67477-1-Ig	GenBank Accession Number: BC065240	Purification Method: Protein A purification
Size: 150ul , Concentration: 1900 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64167	CloneNo.: 2B11A2
Source: Mouse	UNIPROT ID: Q6P179	Recommended Dilutions: WB 1:1000-1:5000
Isotype: IgG2b	Full Name: endoplasmic reticulum aminopeptidase 2	
Immunogen Catalog Number: AG30061	Calculated MW: 110 kDa	
	Observed MW: 110-120 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HeLa cells, HepG2 cells, HSC-T6 cells
Cited Applications: WB	
Species Specificity: Human, Rat	
Cited Species: human	

Background Information

ERAP2(Endoplasmic reticulum aminopeptidase 2) is also named as LRAP(Leukocyte-derived arginine aminopeptidase). It plays a central role in peptide trimming, a step required for the generation of most HLA class I-binding peptides. ERAP2 can form heterodimers with ERAP1(PMID:15908954). Defects in the expression of ERAP2 may cause improper antigen processing, possibly leading to favor tumor escape from the immune surveillance. ERAP2 has the calculated molecular mass of 105-110 kDa, and apparent molecular mass of 120 kDa due to the glycosylation.

Notable Publications

Author	Pubmed ID	Journal	Application
Pian Yu	36214762	Aging (Albany NY)	WB

Storage

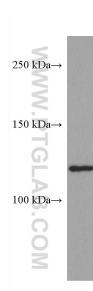
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

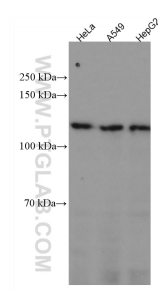
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



A549 cells were subjected to SDS PAGE followed by western blot with 67477-1-Ig (ERAP2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 67477-1-Ig (ERAP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.