

For Research Use Only

ERAP2 Monoclonal antibody, PBS Only



Catalog Number: 67477-1-PBS

Basic Information

Catalog Number: 67477-1-PBS	GenBank Accession Number: BC065240	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 64167	CloneNo.: 2B11A2
Source: Mouse	UNIPROT ID: Q6P179	
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, Indirect ELISA

Species Specificity:
Human, Rat

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.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

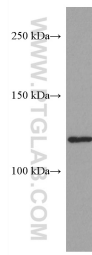
T: 4006900926

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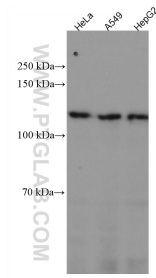
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Selected Validation Data



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. This data was developed using the same antibody clone with 67477-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 67477-1-PBS in a different storage buffer formulation.