

For Research Use Only

Mouse CD73 Recombinant antibody, PBS Only

Catalog Number: 84434-6-PBS



Basic Information

Catalog Number: 84434-6-PBS	GenBank Accession Number: NM_011851.4	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 23959	CloneNo.: 241541D12
Source: Rabbit	UNIPROT ID: Q61503	
Isotype: IgG	Full Name: 5' nucleotidase, ecto	
	Calculated MW: 64kDa	
	Observed MW: 63 kDa	

Applications

Tested Applications:
WB, Indirect ELISA
Species Specificity:
mouse, rat

Background Information

CD73, also known as ecto-5'-nucleotidase (5'-NT), is a 70-kDa, glycosyl-phosphatidylinositol-linked membrane-bound glycoprotein found in most tissues (PMID: 18404475; 20179192). CD73 is an ectoenzyme that catalyzes the dephosphorylation of AMP and other nucleoside monophosphates (PMID: 9553767). In the human immune system, CD73 is expressed on subsets of T and B cells, on germinal center follicular dendritic cells, and on thymic medullary reticular fibroblasts and epithelial cells (PMID: 2137649; 9553767). CD73 is highly expressed in many human solid tumors and is closely involved in cancer progression (PMID: 20179192).

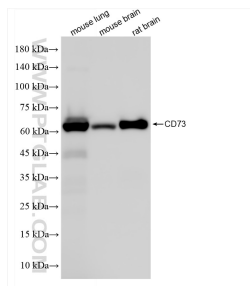
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84434-6-RR (CD73 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84434-6-PBS in a different storage buffer formulation.