

For Research Use Only

Mouse Beta-2-Microglobulin Recombinant monoclonal antibody, PBS Only



Catalog Number: 85871-4-PBS

Basic Information

Catalog Number: 85871-4-PBS	GenBank Accession Number: NM_009735.3	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 12010	CloneNo.: 250172E4
Source: Rabbit	UNIPROT ID: P01887	
Isotype: IgG	Full Name: beta-2 microglobulin	
Immunogen Catalog Number: EG3086	Calculated MW: 14 kDa	
	Observed MW: 12 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
mouse, rat

Background Information

Beta-2-microglobulin (B2M) is a component of MHC class I molecules, which are present on the surface of nearly all nucleated cells. It can be found in body fluids under physiologic conditions due to shedding from cell surfaces or intracellular release. B2M has various biological functions, including antigen presentation. Investigations reveal that increased synthesis and release of B2M are present in several malignant diseases.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

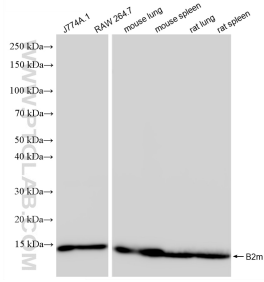
For technical support and original validation data for this product please contact:

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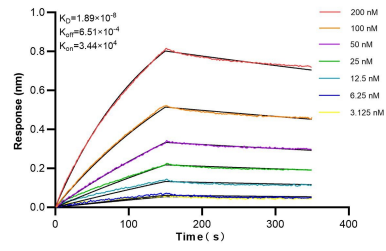
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85871-4-RR (Beta-2-Microglobulin antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85871-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85871-4-RR against Mouse Beta-2-Microglobulin were performed. The affinity constant is 18.9 nM.