

For Research Use Only

EPHB2 Monoclonal antibody, PBS Only

Catalog Number:60908-3-PBS



Basic Information

Catalog Number: 60908-3-PBS	GenBank Accession Number: BC018763	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2048	CloneNo.: 2F3H9
Source: Mouse	UNIPROT ID: P29323	
Isotype: IgG2a	Full Name: EPH receptor B2	
Immunogen Catalog Number: AG28796	Calculated MW: 987 aa, 108 kDa	
	Observed MW: 110-120 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat, pig, rabbit

Background Information

EPHB2 is a receptor tyrosine kinase that mediates ephrin-dependent bidirectional signaling to control cell positioning, boundary formation, and tissue architecture. Expressed in the nervous system and intestinal epithelium, EPHB2 regulates axon guidance, synaptic plasticity, and epithelial organization. Loss or dysregulation of EPHB2 contributes to colorectal cancer progression and altered neural connectivity, underscoring its central role in developmental patterning and tissue homeostasis.

Storage

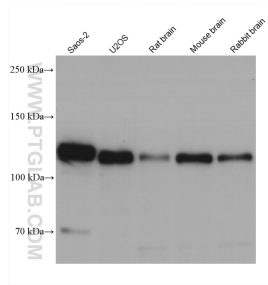
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

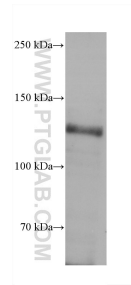
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60908-3-Ig (EPHB2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60908-3-PBS in a different storage buffer formulation.



HeLa cells were subjected to SDS PAGE followed by western blot with 60908-3-Ig (EPHB2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60908-3-PBS in a different storage buffer formulation.