

For Research Use Only

MERTK Recombinant monoclonal antibody, PBS Only

Catalog Number: 84156-3-PBS



Basic Information

Catalog Number: 84156-3-PBS	GenBank Accession Number: NM_006343.3	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 10461	CloneNo.: 251632G8
Isotype: IgG	UNIPROT ID: Q12866	
Immunogen Catalog Number: EG4663	Full Name: c-mer proto-oncogene tyrosine kinase	
	Calculated MW: 110 kDa	
	Observed MW: 160-210 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

MerTK (Mer tyrosine kinase), also known as RP38, c-Eyk, c-mer, and Tyro12, was first cloned from a human B lymphoblastoid expression library (PMID:8086340) and is one of the TAM (Tyro-3, Axl, and MerTK) receptor tyrosine kinase (RTK) family (PMID:23833304). Although this RTK, like others, can promote tumor cell proliferation to some extent, MERTK primarily lends tumor cells crucial survival advantages while promoting invasion, migration and metastasis, drug resistance, and, in the innate immune system, suppressing anti-tumor immunity (PMID:32417270). The multiple MERTK species observed are likely due to posttranslational modifications (PMID: 23585477).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

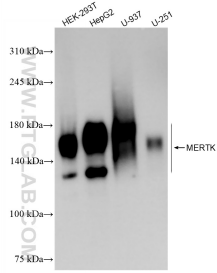
T: 4006900926

E: Proteintech-CN@ptglab.com

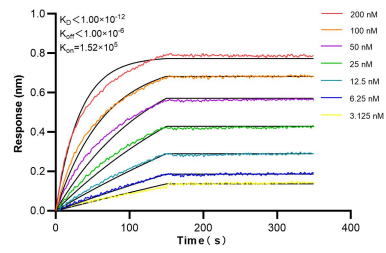
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84156-3-RR (MERTK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84156-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84156-3-RR against Human MERTK were performed. The affinity constant is below 1 pM.