

For Research Use Only

TRIM8 Recombinant antibody, PBS Only

Catalog Number: 85169-1-PBS



Basic Information

Catalog Number: 85169-1-PBS	GenBank Accession Number: BC021925	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 81603	CloneNo.: 242501B6
Source: Rabbit	UNIPROT ID: Q9BZR9	
Isotype: IgG	Full Name: tripartite motif-containing 8	
Immunogen Catalog Number: AG26517	Calculated MW: 61 kDa	
	Observed MW: 61 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

TRIM8 (Tripartite motif containing protein 8), also known as RNF27 (RING finger protein 27), a member of TRIM family proteins, is known to play a dual role as both tumor suppressor and oncogene, and to function at the crosstalk of cancer and innate immunity. TRIM8 can function at two subcellular sites-nucleus and cytoplasm-to regulate NF-κB, one of the central signaling pathways that plays a critical role in carcinogenesis and inflammatory diseases (PMID: 33230447, 22262183). TRIM8 is composed of 551 amino acids (aa) with a molecular weight of 61.5 kDa, contains a Nuclear Localization Signal (NLS), and forms specific nuclear structures similar to the TRIM19/PML Nuclear Bodies (NBs) (PMID: 33807506, 29182544).

Storage

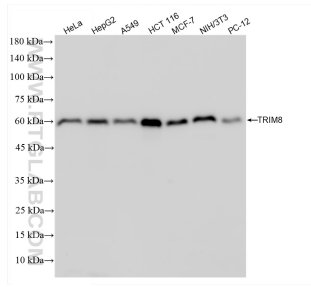
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

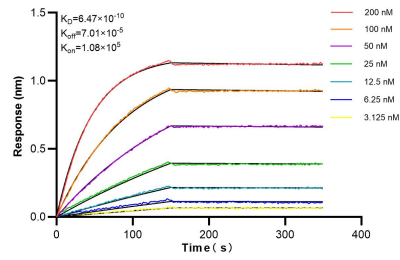
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85169-1-RR (TRIM8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85169-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85169-1-RR against Human TRIM8 were performed. The affinity constant is 0.647 nM.