

For Research Use Only

STAC2 Recombinant monoclonal antibody

Catalog Number: 87115-2-RR



Basic Information

Catalog Number: 87115-2-RR	GenBank Accession Number: BC109231	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 342667	CloneNo.: 251759B12
Source: Rabbit	UNIPROT ID: Q6ZMT1	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: SH3 and cysteine rich domain 2	
Immunogen Catalog Number: AG16601	Calculated MW: 411 aa, 45 kDa	
	Observed MW: 55-57 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : SH-SY5Y cells, K-562 cells, THP-1 cells
Species Specificity: human	

Background Information

STAC2 (Src homology 3 and cysteine-rich domain 2) contains an SH3 domain and a zinc finger domain. STAC2 has been shown to negatively regulate osteoclast formation by targeting the RANK signaling complex. This mechanism involves inhibiting the formation of complexes containing Gab2 and PLCγ 2, thereby suppressing NF-κB and MAPK signaling pathways.

Storage

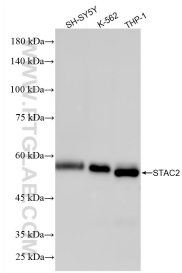
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

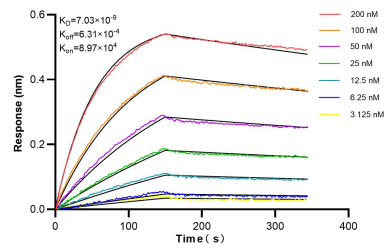
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87115-2-RR (STAC2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87115-2-RR against Human STAC2 were performed. The affinity constant is 7.03 nM.