

For Research Use Only

STAC2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87115-2-PBS



Basic Information

Catalog Number: 87115-2-PBS	GenBank Accession Number: BC109231	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 342667	CloneNo.: 251759B12
Source: Rabbit	UNIPROT ID: Q6ZMT1	
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, Indirect ELISA

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 -80°C.
Storage Buffer:
PBS only, pH7.3

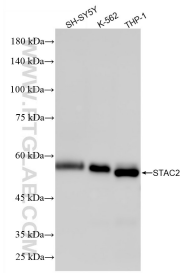
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

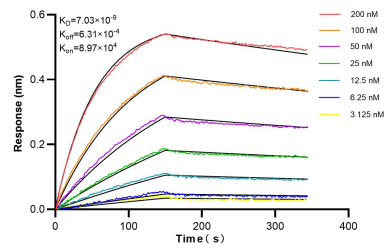
E: proteintech@ptglab.com
W: ptglab.com

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. This data was developed using the same antibody clone with 87115-2-PBS in a different storage buffer formulation.



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