bs-16578R

- DATASHEET -

[Primary Antibody]

TRAP5 Rabbit pAb



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DATASTIC	- 1		
Host	Rabbit	Isotype: IgG	Applications: Flow-Cyt (2ug/Test)
Clonality	Polyclonal		Reactivity: Human (predicted: Mouse.
GenelD	: 54	SWISS: P13686	Rat, Pig)
Target	TRAP5		
Immunogen: KLH conjugated synthetic peptide derived from human TRAP5: 171-270/325.			Predicted 34 kDa
Purification: affinity purified by Protein A			Subsellular
Concentration: 1mg/ml			Location: Cytoplasm
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.			
Background:	This gene encodes an iron cont the conversion of orthophosph orthophosphate. It is the most is the only form not inhibited by Aug 2008]	aining glycoprotein which catalyzes oric monoester to alcohol and basic of the acid phosphatases and y L(+)-tartrate. [provided by RefSeq,	

- VALIDATION IMAGES -



Blank control (black line) :Hela. Primary Antibody (green line): Rabbit Anti-TRAP5 antibody (bs-16578R) Dilution:2ug/Test; Secondary Antibody (white blue line) : Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Isotype control (orange line) : Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

- SELECTED CITATIONS -

- [IF=10.2] Deng Zihan. et al. Gold nanoparticles exhibit anti-osteoarthritic effects via modulating interaction of the "microbiota-gut-joint" axis. J NANOBIOTECHNOL. 2024 Dec;22(1):1-23 IF ;Mouse. 38589904
- [IF=7.419] Xiaoyu Cai. et al. Secretory phosphoprotein 1 secreted by fibroblast-like synoviocytes promotes osteoclasts formation via PI3K/AKT signaling in collagen-induced arthritis. BIOMED PHARMACOTHER. 2022 Nov;155:113687 FCM ;Mouse. 36088855

• [IF=6.208] Cong-Jin Liu. et al. Preventing Disused Bone Loss through Inhibition of Advanced Glycation End Products. INT J MOL SCI. 2023 Jan;24(5):4953 IF ;Rat. 36902384