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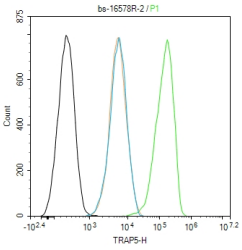
TRAP5 Rabbit pAb

Catalog Number:	bs-16578R
Target Protein:	TRAP5
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	Flow-Cyt (2ug/Test)
Reactivity:	Human (predicted:Mouse, Rat, Pig)
Predicted MW:	34 kDa
Subcellular Locations:	Cytoplasm
Entrez Gene:	54
Swiss Prot:	P13686
Source:	KLH conjugated synthetic peptide derived from human TRAP5: 171-270/325.
Purification:	affinity purified by Protein A
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 containing glycoprotein which catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is the most basic of the acid phosphatases and is the only form not inhibited by L(+)-tartrate. [provided by RefSeq, Aug 2008]

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.

PRODUCT SPECIFIC PUBLICATIONS

[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