

ARG56974 anti-OSTF1 antibody [9G4]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [9G4] recognizes OSTF1
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Mouse
Clonality	Monoclonal
Clone	9G4
Isotype	IgG2a, kappa
Target Name	OSTF1
Species	Human
Immunogen	Recombinant fragment of Human OSTF1.
Conjugation	Un-conjugated
Alternate Names	SH3P2; bA235O14.1; Osteoclast-stimulating factor 1; OSF

Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

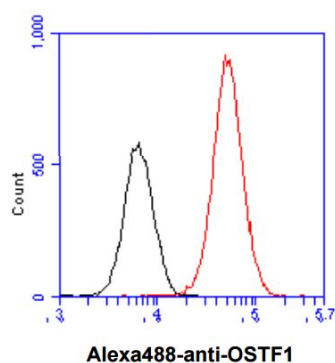
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

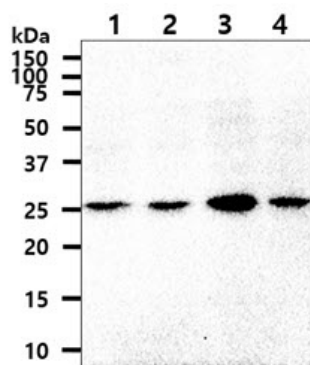
Database links	GeneID: 26578 Human Swiss-port # Q92882 Human
Gene Symbol	OSTF1
Gene Full Name	osteoclast stimulating factor 1
Background	Osteoclast-stimulating factor-1 is an intracellular protein produced by osteoclasts that indirectly induces osteoclast formation and bone resorption (Reddy et al., 1998 [PubMed 10092216]).[supplied by OMIM, Mar 2008]
Function	Induces bone resorption, acting probably through a signaling cascade which results in the secretion of factor(s) enhancing osteoclast formation and activity. [UniProt]
Calculated Mw	24 kDa

Images



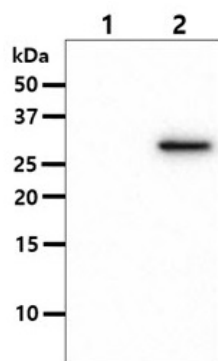
ARG56974 anti-OSTF1 antibody [9G4] FACS image

Flow Cytometry: HeLa cell line stained with ARG56974 anti-OSTF1 antibody [9G4] at 2-5 μ g for 1×10^6 cells (red line). Secondary antibody: Goat anti-Mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was Mouse IgG (black line).



ARG56974 anti-OSTF1 antibody [9G4] WB image

Western blot: 40 μ g of 1) HepG2 cell lysate, 2) MCF7 cell lysate, 3) Jurkat cell lysate, 4) LnCap cell lysate stained with ARG56974 anti-OSTF1 antibody [9G4] at 1:1000.



ARG56974 anti-OSTF1 antibody [9G4] WB image

Western blot: 10 µg of 1) 293T cell lysate, 2) OSTF1 Transfected 293T cell lysate stained with ARG56974 anti-OSTF1 antibody [9G4] at 1:1000.