

anti- RANKL antibody

Product Information

Catalog No.:	FNab09838
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	4F11
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

TNFSF11 also known as RANKL, is a member of the tumor necrosis factor (TNF) cytokine family which is a ligand for osteoprotegerin and functions as a key factor for osteoclast differentiation and activation. RANKL induces osteoclast formation through its receptor, RANK, which transduces signals by recruiting adaptor molecules, such as the TNF receptor-associated factor (TRAF) family of proteins. RANKL was shown to be a dendritic cell survival factor and is involved in the regulation of T cell-dependent immune response. T cell activation was reported to induce expression of this gene and lead to an increase of osteoclastogenesis and bone loss. RANKL was shown to activate antiapoptotic kinase AKT/PKB through a signaling complex involving SRC kinase and tumor necrosis factor receptor-associated factor (TRAF) 6, which indicated this protein may have a role in the regulation of cell apoptosis.

Immunogen information

Immunogen:	tumor necrosis factor (ligand) superfamily, member 11
Synonyms:	CD254, hRANKL2, ODF, OPGL, OPTB2, Osteoprotegerin ligand, RANKL, sOdf, TNFSF11, TRANCE
Observed MW:	35kDa
Uniprot ID :	O14788

Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

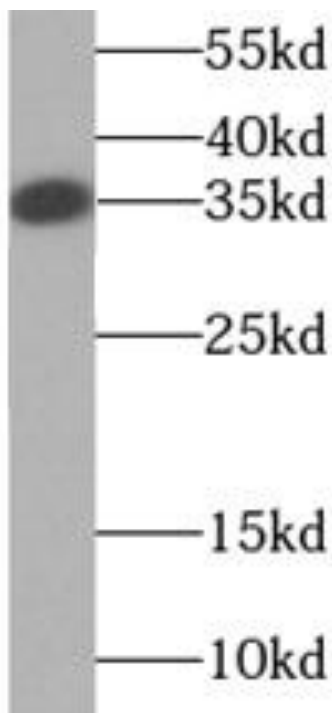
Application

Reactivity: Human

Tested Application: ELISA, WB

Recommended dilution: WB: 1:1000-1:5000

Image:



Hela cells were subjected to SDS PAGE followed by western blot with FNab09838(RANKL antibody) at dilution of 1:3000

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Tel : (0086)027-87384275

Fax: (0086)027-87800889

www.fn-test.com