

CD254 (RANK Ligand) Monoclonal Antibody (12A380)

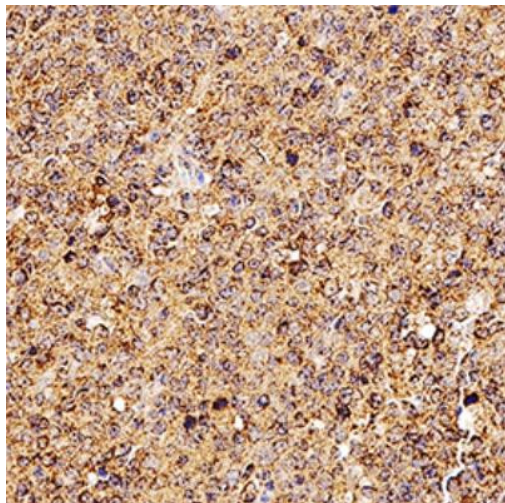
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	12A380
Conjugate	Unconjugated
Immunogen	Bacterially expressed fusion protein containing residues 1-317 of mouse RANK ligand.
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_1087030

Applications	Tested Dilution	Publications
Western Blot (WB)	4-6 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:250	-
Immunohistochemistry (Frozen) (IHC (F))	1:10-1:500	-
Immunocytochemistry (ICC/IF)	Assay-Dependent	-
Flow Cytometry (Flow)	1:10-1:1,000	1 Publication

Product Specific Information

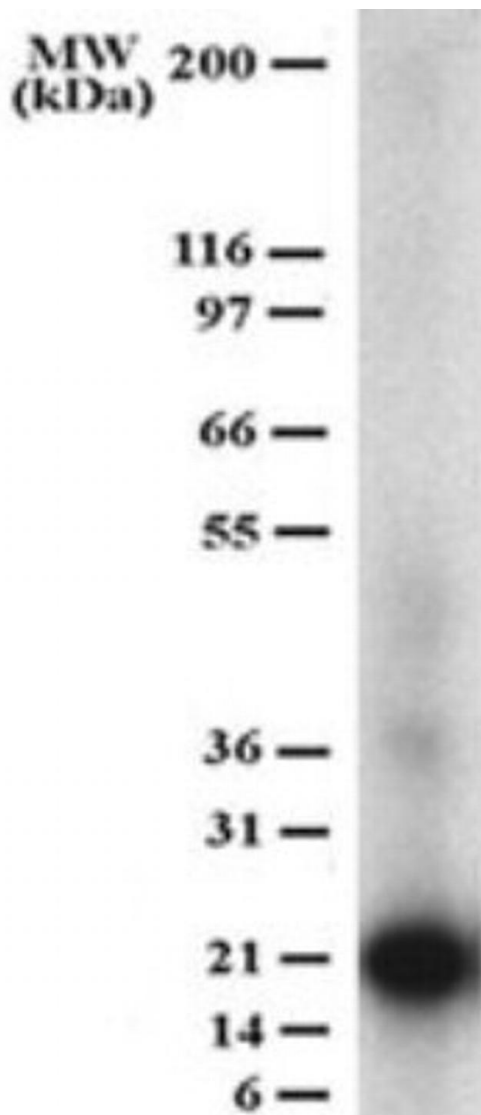
Suggested positive control: activated T cells or RAW cells, antigen standard for TNFSF11 (transient overexpression lysate).

Product Images For CD254 (RANK Ligand) Monoclonal Antibody (12A380)



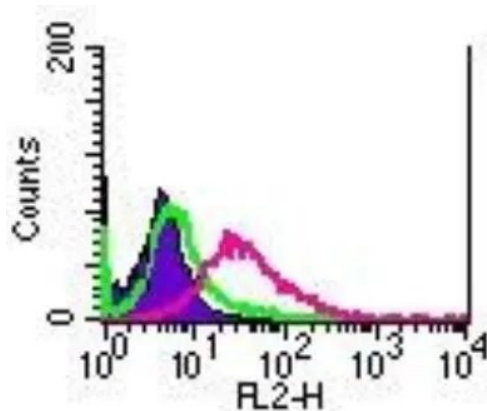
CD254 (RANK Ligand) Antibody (MA1-41019) in IHC (P)

Immunohistochemical analysis of CD254 (RANK Ligand) in formalin-fixed paraffin-embedded human tonsil. Samples were incubated in CD254 (RANK Ligand) monoclonal antibody (Product # MA1-41019) using a dilution of 0.0763888888888889. Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quenching with peroxide block. The sections were incubated with primary antibody for 30 minutes and Bond Polymer Refine Detection (Leica Biosystems) with DAB was used for signal development followed by counterstaining with hematoxylin. Whole slide scanning and capturing of representative images was performed using Aperio AT2 (Leica Biosystems). Cytoplasmic staining was observed. Staining was performed by Histowiz.



CD254 (RANK Ligand) Antibody (MA1-41019) in WB

Western blot analysis of CD254 (RANK Ligand) in recombinant RANKL (partial). Samples were incubated in CD254 (RANK Ligand) monoclonal antibody (Product # MA1-41019) using a dilution of 1 µg/mL.



CD254 (RANK Ligand) Antibody (MA1-41019) in Flow

Flow cytometry of CD254 (RANK Ligand) in RAW cells. Frozen samples were incubated in CD254 (RANK Ligand) monoclonal antibody (Product # MA1-41019) using a dilution of 2 µg/mL. Shaded histogram represents cells without antibody; green represents isotype control antibody; purple represents antibody. Image using the PE format of this antibody.

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1 Reference

Flow Cytometry (1)

International journal of molecular medicine

BuShenNingXin decoction suppresses osteoclastogenesis by modulating RANKL/OPG imbalance in the CD4+ T lymphocytes of ovariectomized mice.

Year
2018

"Published figure using CD254 (RANK Ligand) monoclonal antibody (Product # MA1-41019) in Flow Cytometry"

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