

Datasheet for ABIN1103902
anti-RANKL antibody



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2 Images

Overview

Quantity:	50 µg
Target:	RANKL (TNFSF11)
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RANKL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	E.coli derived recombinant Human sRANK Ligand. Type of Immunogen: Cell extract
Isotype:	IgG
Specificity:	Human sRANK Ligand
Purification:	Immunoaffinity purified

Target Details

Target:	RANKL (TNFSF11)
Alternative Name:	TNFSF11 / RANKL / TRANCE (TNFSF11 Products)

Target Details

Background: Name/Gene ID: TNFSF11
Family: TNF
Synonyms: TNFSF11, CD254, CD254 antigen, HRANKL2, OPTB2, TRANCE, ODF, OPGL, SOf, Osteoprotegerin ligand, RANKL

Gene ID: 8600

UniProt: [O14788](#)

Pathways: [NF-kappaB Signaling](#)

Application Details

Application Notes: Approved: ELISA (0.5 - 2 µg/mL), IHC, IHC-P (5 µg/mL), WB (0.1 - 0.2 µg/mL)

Usage: Immunohistochemistry: LS-B7419 in an IHC-plus antibody, validated by our pathologists for use in IHC against formalin-fixed, paraffin-embedded human tissues (IHC validation procedure). A concentration of 5 µg/mL is recommended. ELISA: To detect hsRANKL by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5-2 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human sRANKL (LS-C104397) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hsRANKL. Western Blot: To detect hsRANKL by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hsRANKL is 1.5-3 ng/lane, under either reducing or non-reducing conditions.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Sterile water

Concentration: Lot specific

Buffer: Lyophilized from PBS, pH 7.2

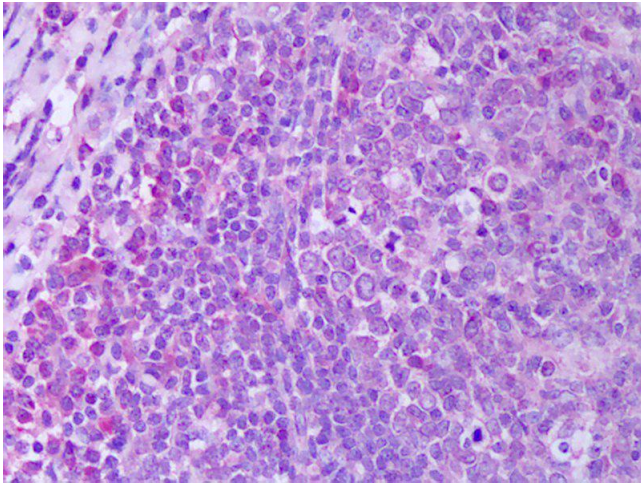
Handling Advice: Avoid freeze/thaw cycles.

Handling

Storage: 4 °C, -20 °C

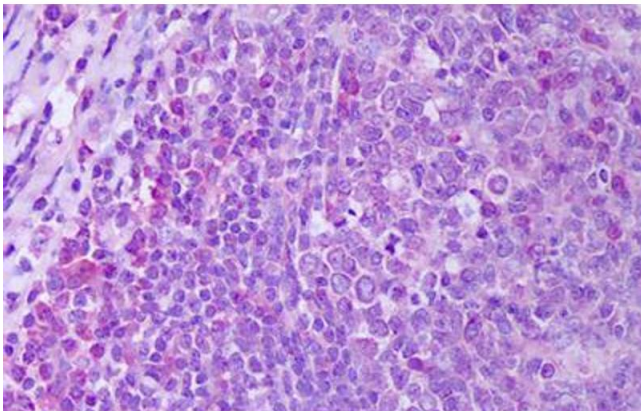
Storage Comment: Store Lyophilized at room temperature up to 1 month
Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage.
Avoid freeze/thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-RANKL antibody IHC of human tonsil, germinal center. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



Immunohistochemistry

Image 2. Anti-RANKL antibody IHC staining of human tonsil, germinal center. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1103902 concentration 5 ug/ml.