abcam

ab233817

Anti-RANK antibody [8H8B2]

Mouse Monoclonal RANK antibody. Suitable for Flow Cyt, WB and reacts with Human, Recombinant fragment - Human samples. Cited in 1 publication. Immunogen corresponding to Recombinant Fragment Protein within Human TNFRSF11A aa 1 to C-terminus.

Image updates are in progress. Products remain available and covered by the Abcam Product Promise. Learn more.

Key facts

Isotype	IgG1
Host species	Mouse
Storage buffer	Preservative: 0.05% Sodium azide Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Fragment Protein within Human TNFRSF11A aa 1 to C-terminus. The exact immunogen used to generate this antibody is proprietary information. Database link Q9Y6Q6
Clone number	8H8B2
Purification technique	Affinity purification Protein G
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	Purified from tissue culture supernatant.

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	1/200 - 1/400
Notes	-

Not recommended

Species	Recombinant fragment - Human
Dilution info	-
Notes	-

WB

Tested

Species	Recombinant fragment - Human
Dilution info	1/500 - 1/2000
Notes	-

Species	Human
Dilution info	1/500 - 1/2000
Notes	-

Target data

See full target information TNFRSF11A

Function	Receptor for TNFSF11/RANKL/TRANCE/OPGL; essential for RANKL-mediated osteoclastogenesis (PubMed:9878548). Its interaction with EEIG1 promotes osteoclastogenesis via facilitating the transcription of NFATC1 and activation of PLCG2 (By similarity). Involved in the regulation of interactions between T-cells and dendritic cells (By similarity).

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks

Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

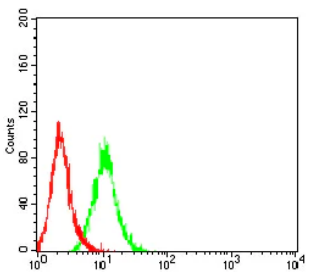
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

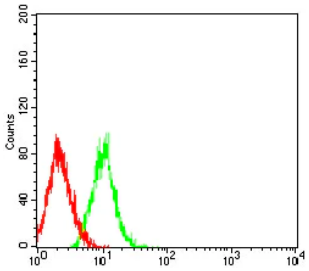
2 product images



Flow Cytometry - Anti-RANK antibody [8H8B2] (ab233817)

RANK Flow Cytometry staining using mouse Anti-RANK antibody

Flow cytometric analysis of HeLa (human epithelial cell line from cervix adenocarcinoma) cells labeling RANK with ab233817 at 1/200 dilution (green) compared with a negative control (red).



Flow Cytometry - Anti-RANK antibody [8H8B2] (ab233817)

RANK Flow Cytometry staining using mouse Anti-RANK antibody

Flow cytometric analysis of HL-60 (human promyelocytic leukemia cell line) cells labeling RANK with ab233817 at 1/200 dilution (green) compared with a negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.