

Datasheet for ABIN2663226
anti-RANKL antibody (PE)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 tests
Target:	RANKL (TNFSF11)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RANKL antibody is conjugated to PE
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Clone:	MIH24
Isotype:	IgG2b kappa
Purification:	The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Target Details

Target:	RANKL (TNFSF11)
Alternative Name:	CD254 (TNFSF11 Products)
Background:	Human CD254, also known as RANKL, TRANCE, and OPGL, is a type II transmembrane protein in the TNF superfamily that has two forms: a membrane-anchored protein and a secreted protein. Its extracellular domain is related to TRAIL, FasL, and TNF. CD254 is expressed on osteoclasts and activated T cells. It has been implicated in the regulation of the interactions

Target Details

between T cells and dendritic cells. It plays an important role in osteoclast differentiation and bone resorption. CD254 activates JNK and NF-κB and induces the expression of IL-1, IL-6, IL-12, and IL-15 in dendritic cells.

Pathways: [NF-kappaB Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .

Preservative: Sodium azide

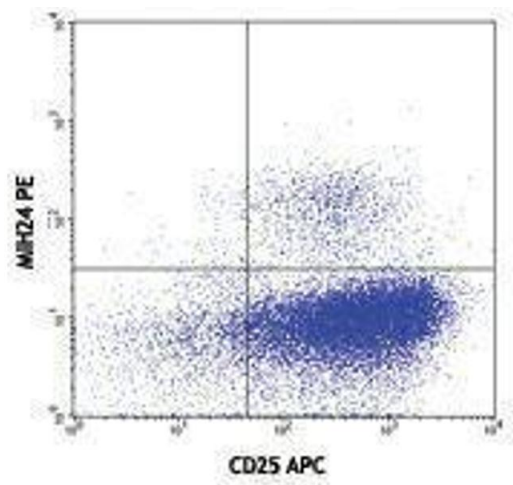
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Protect from prolonged exposure to light. Do not freeze.

Storage: 4 °C

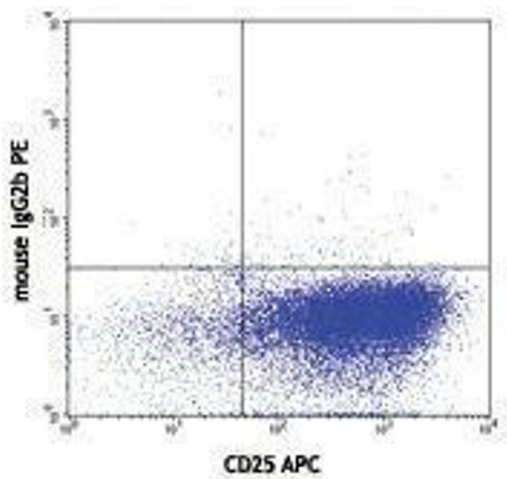
Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

Images



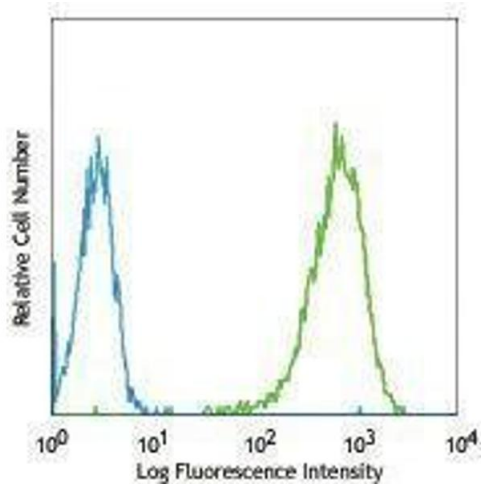
Flow Cytometry

Image 1.



Flow Cytometry

Image 2.



Flow Cytometry

Image 3.