

Datasheet for ABIN7540427
anti-TNFRSF12A antibody (APC)



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Overview

Quantity:	100 µg
Target:	TNFRSF12A
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNFRSF12A antibody is conjugated to APC
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu CD266 APC
Immunogen:	human CD266-transfected P815 cells
Clone:	ITEM-4
Isotype:	IgG2b
Specificity:	The mouse monoclonal antibody ITEM-4 recognizes an extracellular epitope of CD266 / TWEAK R, a TNFR superfamily receptor for CD255 / TWEAK, a TNF-like weak inducer of apoptosis.
Purification:	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

Target:	TNFRSF12A
Alternative Name:	CD266 (TNFRSF12A Products)
Background:	NCBI Full Gene Name: TNF receptor superfamily member 12A Description: CD266 / TWEAK R (TNFRSF12A), also known as FN14 (fibroblast growth factor-inducible 14) is a receptor for CD255 / TWEAK, the TNF-like weak inducer of apoptosis. CD266 is expressed on endothelial cells, as well as on some cancer tissues, and plays a role in CD255-induced endothelial cell migration, proliferation, and angiogenesis. The CD255-CD266 interaction, or antibody-mediated triggering of CD266 is also able to induce apoptosis and necrosis in CD266-positive cells (including tumor cells), which might have therapeutic potential. Other names: TWEAKR, FN14, TNFRSF12A Gene name: TNFRSF12A
Gene ID:	51330
UniProt:	Q9NP84
Pathways:	Apoptosis , Regulation of Cell Size

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 5-15 µg/mL. Extracellular and intracellular staining.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 mg/mL
Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.