

Datasheet for ABIN135189
anti-TNFRSF8 antibody[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	0.5 mg
Target:	TNFRSF8
Reactivity:	Mouse
Host:	Hamster
Clonality:	Monoclonal
Conjugate:	This TNFRSF8 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Mouse CD30-mouse IgG1 fusion protein
Clone:	MCD30-1
Isotype:	IgG
Specificity:	Mouse CD30, Mr 105-120 kDa
Characteristics:	Hamster Anti-Mouse CD30-UNLB
Purification:	Purified

Target Details

Target:	TNFRSF8
Alternative Name:	CD30 (TNFRSF8 Products)
Background:	CD30 is a type I transmembrane protein and a member of the tumor necrosis factor receptor

Target Details

superfamily of proteins. Murine CD30 is expressed predominantly in the thymus, and it is inducible in mouse splenocytes stimulated with pokeweed mitogen or concanavalin A. In anti-CD3-activated spleen cells, CD30 is expressed primarily on the surface of CD8+ T cells with peak expression on days 4 and 5. Stimulation of CD30+ CTL lines with plate-bound anti-CD30 directly signals IL-5 but not IFN- γ production. While these studies demonstrate that CD30 directs cytokine secretion and suggest that CD30 may play a pivotal role in the pattern of cytokine production by T cells, the precise roles of CD30 and its ligand (CD153) in T-cell development have not been clearly defined.

Application Details

Application Notes:	<ul style="list-style-type: none">• Applications: FC - Quality tested , Stim - Reported in literature , Costim - Reported in literature , Block - Reported in literature• Working Dilutions: Flow Cytometry Purified (UNLB) antibody 3 g/106 cells FITC and BIOT conjugates 3 g/106 cells PE conjugate 0.2 g/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L
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Comment:	In vitro functional studies
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Sample Volume:	1 mL
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Restrictions:	For Research Use only
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Handling

Concentration:	0.5 mg/mL
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Buffer:	0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added
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Preservative:	Without preservative
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Handling Advice:	Each reagent is stable for the period shown on the bottle label if stored as directed.
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Storage:	4 °C
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Storage Comment:	Store at 2-8°C
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Publications

Product cited in:	Mucksová, Plachý, Staněk, Hejnar, Kalina, Benešová, Trefil: "Cytokine response to the RSV antigen delivered by dendritic cell-directed vaccination in congenic chicken lines." in: Veterinary research , Vol. 48, Issue 1, pp. 18, (2017) (PubMed).
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Images

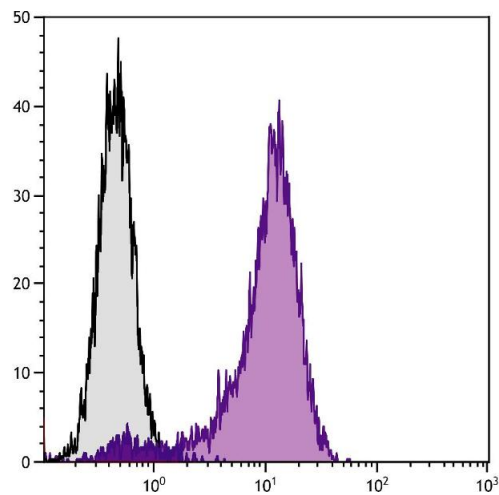


Image 1. NIH/Swiss mouse fibroblast cell line 3T3 and mCD30-Ig transfected 3T3 cells were stained with Hamster Anti-Mouse CD30-PE.