

Anti-Hu CD255 Purified TNFSF12 Monoclonal Antibody

Catalog Number: M02009

About TNFSF12

CD255 / TWEAK (TNF-related weak inducer of apoptosis), a type II transmembrane protein expressed as membrane-bound and secreted form, can induce apoptosis in many tissues and cell lines through its receptor CD266 / TWEAK R. On the other hand, in endothelial cells this interaction can induce proliferation and promote angiogenesis including neovascularization of tumours. CD255 can act in a juxtacrine manner to initiate cellular responses, and induces secretion of pro-inflammatory cytokines. Besides CD266, CD255 may also bind to DR3.

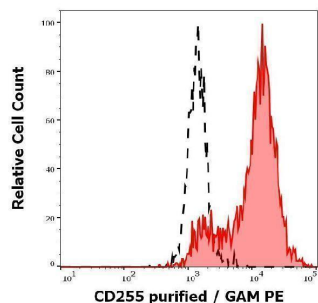
Overview

Product Name	Anti-Hu CD255 Purified TNFSF12 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Hu CD255 Purified TNFSF12 Monoclonal Antibody (Catalog# M02009). Tested in Flow Cytometry, IHC application(s). This antibody reacts with Human.
Application	Flow Cytometry, IHC
Clonality	Monoclonal CARL-1
Formulation	Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	O43508

Technical Details

Immunogen	Human CD255-transfected 2PK-3 cells. The mouse monoclonal antibody CARL-1 recognizes an extracellular epitope of CD255 / TWEAK, a type II transmembrane protein of the TNF superfamily able to induce apoptosis weakly in many cell types.
Predicted Reactive Species	Primate
Cross Reactivity	This antibody does not cross-react with Thy-1.1 alloantigen.
Isotype	Mouse IgG3 kappa
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Flow cytometry: 1-4 ug/ml.

Anti-Hu CD255 Purified TNFSF12 Monoclonal Antibody (M02009) Images



Separation of CD255 transfected I5178Y cells (red-filled) from CD255 nontransfected (WT) I5178Y cells (black-dashed) in flow cytometry analysis (surface staining) of I5178Y cell suspensions stained using anti-human CD255 (CARL-1) purified antibody (concentration in sample 3 µg/ml) GAM PE.

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