

Datasheet for ABIN7505861

anti-ADAM10 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	ADAM10
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Anti-Hu CD156c Purified
Immunogen:	Jurkat cells
Clone:	11G2
Isotype:	IgG1 kappa
Specificity:	The mouse monoclonal antibody 11G2 recognizes an extracellular/luminal epitope of CD156c, a type I transmembrane glycoprotein, serving as a zinc-dependent metalloprotease.
No Cross-Reactivity:	Mouse
Purification:	Purified by protein-A affinity chromatography.

Target Details

Target:	ADAM10
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Target Details

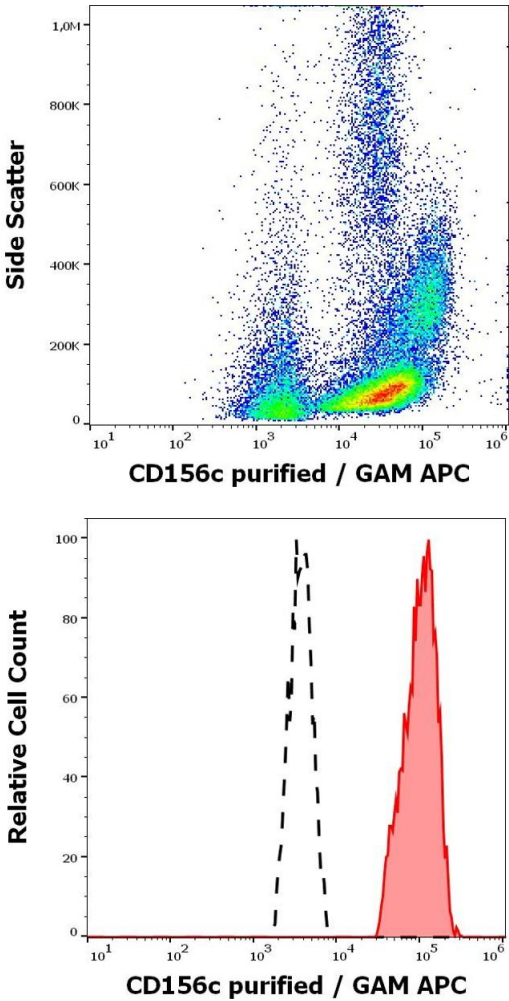
Alternative Name:	CD156c (ADAM10 Products)
Background:	ADAM metallopeptidase domain 10,CD156c is a type I transmembrane glycoprotein with a zinc-dependent metalloprotease activity. It serves as an endopeptidase of broad specificity, which is expressed mainly in thymus, liver, and muscles. Its expression can be induced in inflamed central nervous system, and in arthritic tissues. CD156c is involved in multiple sclerosis-associated myelin degradation. It also solubilizes various membrane proteins, including CD23, CD44, CD126, CD171, ephrin-A2, and other.,ADAM10, AD10, RAK, MADM, HsT18717
Gene ID:	102
UniProt:	O14672
Pathways:	Notch Signaling , EGFR Signaling Pathway

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-5 µg/mL, extracellular and intracellular staining.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	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. Do not freeze.



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD156c (11G2) purified antibody (concentration in sample 1.67 μ g/mL, GAM APC).

Flow Cytometry

Image 2. Separation of human monocytes stained using anti-human CD156c (11G2) purified antibody (concentration in sample 1.67 μ g/mL, GAM APC) from human monocytes unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).