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30-2859: Anti-Human CD156c MAb (Clone :11G2)

Clonality :	Monoclonal
Clone Name :	11G2
Application :	IP,IHC,FACS,WB
Reactivity :	Human
Gene :	ADAM10
Gene ID :	102
Uniprot ID :	O14672
Format :	Purified
Alternative Name :	ADAM metallopeptidase domain 10, ADAM10, AD10, RAK, MADM, HsT18717
Isotype :	Mouse IgG1 kappa
Immunogen Information :	Jurkat cells

Description

Specificity: The mouse monoclonal antibody 11G2 recognizes an extracellular/luminal epitope of CD156c, a type I transmembrane glycoprotein, serving as a zinc-dependent metalloprotease.

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.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	1 mg/ml Formulation: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-5 µg/ml; extracellular and intracellular staining.

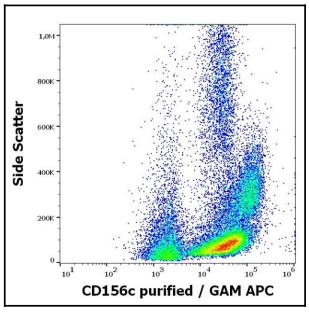

Fig 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD156c (11G2) purified antibody (concentration in sample 1.67 µg/ml, GAM APC).

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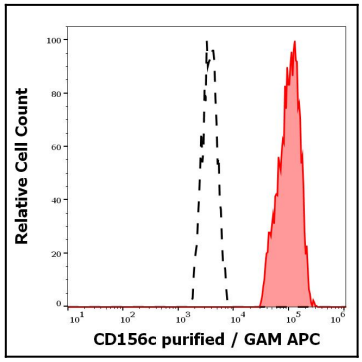

Fig 2: Separation of human monocytes stained using anti-human CD156c (11G2) purified antibody (concentration in sample 1.67 µg/ml, GAM APC) from human monocytes unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).