

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 30-2926: Anti-Human CD156c Mab (Clone:11G2) Purified

**Clonality:** Monoclonal

Clone Name: 11G2

**Application:** IP,IHC-Fr,IHC,FACS,WB

Reactivity: Human
Gene: CD156c
Gene ID: 102
Uniprot ID: O14672
Format: Purified

Alternative Name: ADAM10, AD10, RAK, MADM, HsT18717

**Isotype:** Mouse IgG1 kappa

Immunogen Information: Jurkat cells

## **Description**

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:** 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.

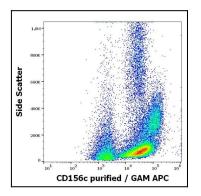


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD156c (11G2) purified antibody (concentration in sample 1.67  $\mu$ g/ml, GAM APC).



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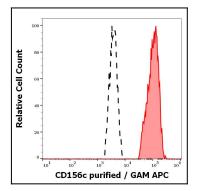


Figure 2: Separation of human monocytes stained using anti-human CD156c (11G2) purified antibody (concentration in sample 1.67  $\mu$ g/ml, GAM APC) from human monocytes unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).