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## 10-4054: Monoclonal Antibody to CLEC1 (Clone: ABM2H82)

Clonality: Monoclonal Clone Name: ABM2H82 Application: FACS Reactivity: Human Gene: CLEC1A Gene ID: 51267 **Uniprot ID:** Q8NC01 **Purified** Format:

Alternative Name: C-type lectin-like receptor 1, CLEC1A

**Isotype:** Mouse IgG2b Kappa

Immunogen Information: A partial length recombinant CLEC1 protein (amino acids 55-280) was used as the immunogen

for this antibody.

## **Description**

CLEC1A (C-type lectin domain family 1, member A) is a 31 kDa protein belonging to the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. CLEC1A functions as a transmembrane signaling receptor, and selectively and non-covalently interacts with carbohydrates. Members of this family have common protein fold and have diverse functions, such as cell adhesion, cell-cell signaling, glycoprotein turnover and have a role in inflammation and immune response. CLEC1A plays important role in regulating dendritic cell function. CLEC1A is expressed preferentially in dendritic cells.

## **Product Info**

**Amount :**  $25 \mu g / 100 \mu g$ 

**Purification:** Protein G Chromatography

Content: 25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

**Storage condition :** Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

FlowCytometry: 0.5-1 µg/10^6 Cells

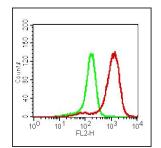


Figure-1: Cell surface flowcytometry analysis of CLEC1on human PBMC (Monocytes) using  $0.5 \mu g/10^6$  Cells of Anti-CLEC1 antibody (Clone: ABM2H82). Green represent isotype control and red represent Anti human CLEC1 antibody (Abeomics 10-4054). Goat anti mouse PE conjugated was used as the secondary antibody.