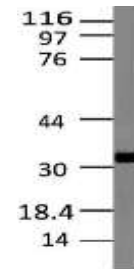


## Anti-Dectin-2 Monoclonal Antibody (Clone: ABM2H28)

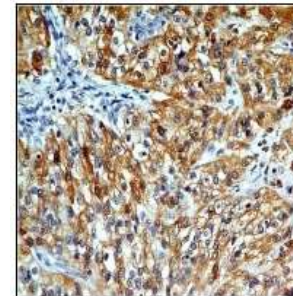
<b>CATALOG NO:</b>	A1533-50
<b>ALTERNATIVE NAMES:</b>	CLEC6A, CLECSF10, DECTIN2
<b>IMMUNOGEN:</b>	A partial length recombinant Dectin-2 protein (amino acids 70-230) was used as the immunogen
<b>AMOUNT:</b>	50 µg
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	ABM2H28
<b>ISOTYPE:</b>	Mouse IgG2, Kappa
<b>SPECIES REACTIVITY:</b>	Human, Mouse
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	0.5mg/ml in Supplied in PBS containing 0.05% BSA and 0.05% Sodium azide.
<b>STORAGE CONDITIONS:</b>	Store at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles
<b>PURIFICATION:</b>	Protein G Chromatography
<b>DESCRIPTION:</b>	Dectin-2 (C-type lectin domain family 6 member A) is a type II membrane receptor with an extracellular C-type lectin-like domain fold. Dectin-2 plays an important role in the host defense against <i>C. albicans</i> infection by inducing TH17 cell differentiation. It binds high-mannose carbohydrates in a Ca(2+)-dependent manner. In Dectin-2 glycosylation occurs at Asn131, Asn170. Dectin-2 has 2 isoforms produced by alternative splicing. Dectin-2 is strongly expressed in monocytes and weakly in B-cells and also expressed in spleen, tonsils, lymph node, lungs, leukocytes, dendritic cells and bone marrow.

**APPLICATION** WB: 2-4 µg/ml; FACS: 0.5µg/10<sup>6</sup> cells; IHC: 5µg/ml

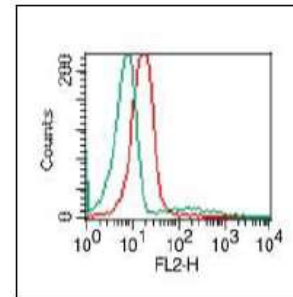
**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western Blot analysis of Dectin-2, with 2µg/ml of A1533 on RAW cell lysates



IHC analysis of Dectin-2 in Renal Cell Carcinoma using A1533 at 5µg/ml



FACS analysis of Dectin-2 in human PBMC using A1533 at 0.5µg/10<sup>6</sup> cells. Green represents Isotype control, Red represents anti-Dectin-2 antibody. Goat Anti-mouse PE conjugate was used as secondary

### RELATED PRODUCTS

- Dectin-1 Antibody (Cat. No. 3891-30, -100)

**FOR RESEARCH USE ONLY! Not to be used on humans.**