Mouse anti-Human IL-36R Monoclonal Antibody | anti-IL-36R antibody

Monoclonal Antibody to IL-36R (Clone: ABM47A2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78276	**Mouse**	**Human**	**Flow Cytometry, Functional Assay, Western Blot**

PRODUCT SYNONYMS

IL-36R; Monoclonal Antibody; Monoclonal Antibody to IL-36R (Clone: ABM47A2); IL1RL2; IL1RRP2; IL-36 receptor; IL-1Rrp2; Interleukin-1 receptor-related protein 2; Antibody to IL-36R; Anti-IL-36R Antibody; IL-36R Antibody; anti-IL-36R antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, kappa
Clone Number	ABM47A2
Purity/Purification	Purified Protein G Chromatography
Form/Format	25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	575
Applicable Applications for anti-IL-36R antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen Information	A partial length recombinant IL-36R protein (amino acids 1-203) was used as the immunogen for this antibody.
Antigen	IL-36R
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES

FCM/FACS (Flow Cytometry)
Figure-2: Intracellular Flow cytometric analysis of IL-36R in K562 cells using 0.5 ug/10^6 Cells of IL-36R antibody (Clone: ABM47A2). Green represent isotype control and red represent Anti-IL36R antibody. (AAA78276). Goat Anti-Mouse PE conjugated was used as secondary antibody.

WB (Western Blot)
Fig-1: Western blot analysis of IL-36R. Anti-IL-36R antibody (Clone: ABM47A2) was tested at 2 ug/ml on human Small Intestine lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-36R antibody	IL-36R is a member of the IL-1 receptor family that has been associated with various inflammation-associated diseases. Ligands binding to IL-36R subsequently recruit the IL-1RAcP (IL-1 Receptor Accessory Protein) forming a heterodimeric signaling complex. The latter is also used by IL-1Alpha and IL-1Beta. IL-36R is expressed by different immune cells, including Dendritic Cells, microglia and other myeloid cells. IL-36 stimulation of DC leads to the production of several cytokines by DC, including TNF-a, IL-1, IL-12, and IL-23. This interaction also enhances the expression of MHC class 2 and co-stimulatory molecules.
Product Categories/Family for anti-IL-36R antibody	Antibodies; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	90110768
NCBI GeneID	8808
UniProt Accession #	Q9HB29; Q13525; Q45H74; Q53TU8; Q587I8; A4FU63
NCBI Official Full Name	Interleukin-1 receptor-like 2
NCBI Official Synonym Full Names	interleukin 1 receptor like 2
NCBI Official Symbol	IL1RL2
NCBI Official Synonym Symbols	IL-36R; IL1RRP2; IL-1Rrp2; IL1R-rp2
NCBI Protein Information	interleukin-1 receptor-like 2
UniProt Protein Name	Interleukin-1 receptor-like 2
UniProt Gene Name	**IL1RL2**
UniProt Synonym Gene Names	IL1RRP2; IL-36R; IL-1Rrp2; IL1R-rp2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/il-36r-antibody-clone-abm47a2-flow-cytometry-western-blot-elisa/78276