

Anti-IL18RAP Reference Antibody (Mab Discovery patent anti-IL18RAP)

Catalog # APR11434

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	O95256
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	68310

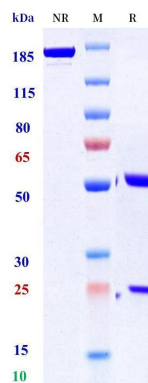
Additional Information

Target/Specificity	IL18RAP
Expression system	CHO

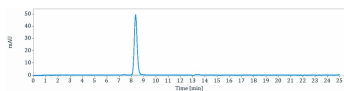
Protein Information

Name	IL18RAP (HGNC:5989)
Synonyms	IL1R7
Function	Within the IL18 receptor complex, does not mediate IL18- binding, but involved in IL18-dependent signal transduction, leading to NF-kappa-B and JNK activation (PubMed: 14528293 , PubMed: 25500532 , PubMed: 9792649). May play a role in IL18-mediated IFNG synthesis from T-helper 1 (Th1) cells (Probable).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Detected in adrenal gland, bone marrow, brain, fetal brain, fetal liver, heart, kidney, lung, liver, peripheral blood leukocytes, placenta, prostate, salivary gland, skeletal muscle, spinal cord, testis, thymus, thyroid, trachea and uterus (PubMed: 17897836) Strongly expressed in peripheral blood leukocytes and spleen and, to a lesser extent, in colon (PubMed: 9792649). Specifically coexpressed with IL18R1 in T-helper 1 (Th1)cells (PubMed: 10653850 , PubMed: 10925275 , PubMed: 11046021).

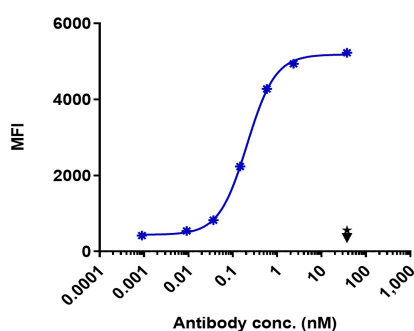
Images



anti-IL18RAP) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IL18RAP Reference Antibody (Mab Discovery patent anti-IL18RAP) is 99.27%, determined by SEC-HPLC.



PLVX-puro-IL18RAP-FL cell line were stained with Mab Discovery patent anti-IL18RAP and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 0.21 nM.

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