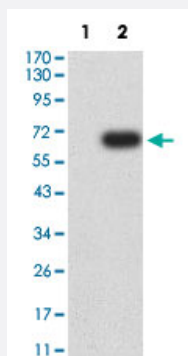


IL13RA1 monoclonal antibody, clone 8A3E3

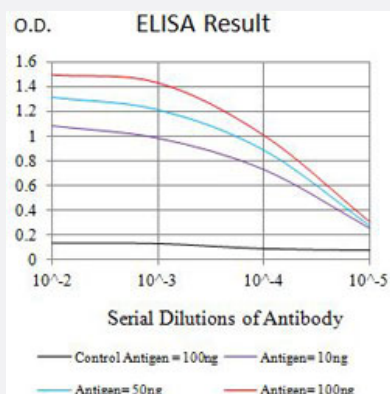
Catalog # MAB21391 Size 100 ug

Applications



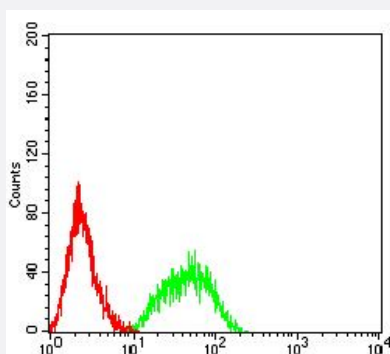
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: IL13RA1-hlgGfc transfected HEK293 cell lysates with IL13RA1 monoclonal antibody, clone 8A3E3 (Cat # MAB21391).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with IL13RA1 monoclonal antibody, clone 8A3E3 (Cat # MAB21391).



Flow Cytometry

Flow cytometric analysis of HL-60 cells with IL13RA1 monoclonal antibody, clone 8A3E3 (Cat # MAB21391) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human IL13RA1.
Immunogen	Recombinant protein corresponding to amino acids 22-343 of human IL13RA1.
Host	Mouse
Theoretical MW (kDa)	48.8
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: IL13RA1-hlgGfc transfected HEK293 cell lysates with IL13RA1 monoclonal antibody, clone 8A3E3 (Cat # MAB21391).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with IL13RA1 monoclonal antibody, clone 8A3E3 (Cat # MAB21391).

- Flow Cytometry

Flow cytometric analysis of HL-60 cells with IL13RA1 monoclonal antibody, clone 8A3E3 (Cat # MAB21391) (Green). Red: Negative Control.

Gene Info — IL13RA1

Entrez GeneID [3597](#)

Protein Accession# [P78552](#)

Gene Name	IL13RA1
Gene Alias	CD213A1, IL-13Ra, NR4
Gene Description	interleukin 13 receptor, alpha 1
Omim ID	300119
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4. [provided by RefSeq]
Other Designations	CD213a1 antigen IL13 receptor alpha-1 chain OTTHUMP00000023890 bB128O4.2.1 (interleukin 13 receptor, alpha 1)

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Pulmonary Disease](#)
- [Respiratory Hypersensitivity](#)

- [Respiratory Syncytial Virus Infections](#)