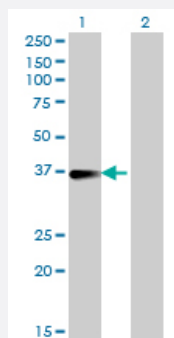


FCER2 monoclonal antibody (M14), clone 2A7

Catalog # H00002208-M14

Size 100 ug

Applications

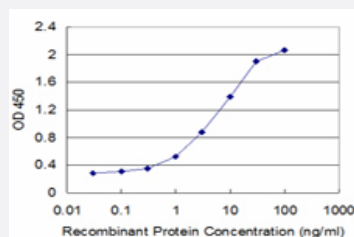


Western Blot (Transfected lysate)

Western Blot analysis of FCER2 expression in transfected 293T cell line by FCER2 monoclonal antibody (M14), clone 2A7.

Lane 1: FCER2 transfected lysate(36.5 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FCER2 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (61.05 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant FCER2.

Immunogen	FCER2 (AAH14108, 1 a.a. ~ 321 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEEGQYSEIEELPRRRCCRRGTQIVLLGLVTAALWAGLLTLLLLWHWDTTQGLKQLEERAARNVS QVSKNLESHHGDQMAQKSQSTQISQEEELRAEQQLKSSQDLELSWNLNGLQADLSSFKSQEL NERNEASDLLERLREEVTKLRMELQVSSGFVCNTCPEKWINFQRKCYFYGKGTKQVWHARYAC DDMEGQLVSIHSPPEQDFLTKHASHTGSWIGLRNLDLKGEFWVDGSHVDYSNWAPGEPTSRSQ GEDCVMMRGSGRWNDAFCDRKLGAWVCDRLATCTPPASEGSAESMGPDSPDPDGRLLPTPS APLHS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (54); Rat (55)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (61.05 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of FCER2 expression in transfected 293T cell line by FCER2 monoclonal antibody (M14), clone 2A7.

Lane 1: FCER2 transfected lysate(36.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FCER2 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FCER2

Entrez GeneID	2208
GeneBank Accession#	BC014108
Protein Accession#	AAH14108
Gene Name	FCER2
Gene Alias	CD23, CD23A, CLEC4J, FCE2, IGEBF
Gene Description	Fc fragment of IgE, low affinity II, receptor for (CD23)
Omim ID	151445
Gene Ontology	Hyperlink
Gene Summary	The human leukocyte differentiation antigen CD23 (FCE2) is a key molecule for B-cell activation and growth. It is the low-affinity receptor for IgE. The truncated molecule can be secreted, then functioning as a potent mitogenic growth factor.[supplied by OMIM]
Other Designations	C-type lectin domain family 4, member J CD23 antigen Fc fragment of IgE, low affinity II, receptor f or (CD23A)

Pathway

- [Hematopoietic cell lineage](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Infant](#)
- [Leukemia](#)

- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Parkinson disease](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Severe Acute Respiratory Syndrome](#)