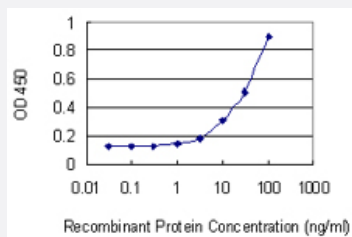


ITGA8 monoclonal antibody (M02), clone 2G7

Catalog # H00008516-M02

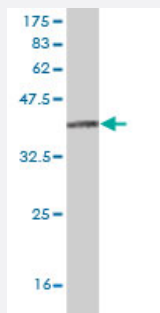
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ITGA8 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ITGA8.

Immunogen

ITGA8 (NP_003629, 836 a.a. ~ 935 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

SDTILEVGWPF SARDEFLLYIFHIQTLGPLQCQPNPNINPQDIKPAASPEDTPELSAFLRNSTIPHLV
RKRDVHVVEFHRQSPAKILNCTNIECLQISCA

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (89); Rat (89)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ITGA8 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ITGA8

Entrez GeneID	8516
GeneBank Accession#	NM_003638
Protein Accession#	NP_003629
Gene Name	ITGA8
Gene Alias	-
Gene Description	integrin, alpha 8
Omim ID	604063
Gene Ontology	Hyperlink
Gene Summary	O

Publication Reference

- [Osteopontin Is an Activator of Human Adipose Tissue Macrophages and Directly Affects Adipocyte Function.](#)

Zeyda M, Gollinger K, Todoric J, Kiefer FW, Keck M, Aszmann O, Prager G, Zlabinger GJ, Petzelbauer P, Stulnig TM.

Endocrinology 2011 Jun; 152(6):2219.

Application: IHC-Fr, Human, Human intraabdominal adipose tissues

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Alzheimer Disease](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Polycystic Kidney](#)
- [Polycystic kidney disease](#)