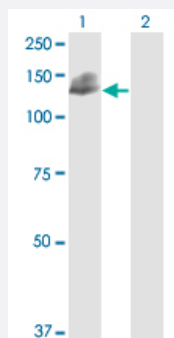


NCAM1 monoclonal antibody (M01), clone 3G12

Catalog # H00004684-M01

Size 100 ug

Applications

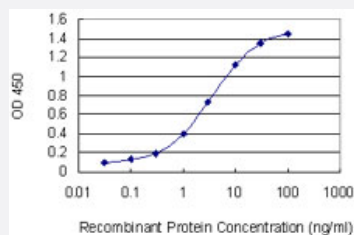


Western Blot (Transfected lysate)

Western Blot analysis of NCAM1 expression in transfected 293T cell line by NCAM1 monoclonal antibody (M01), clone 3G12.

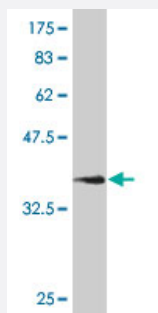
Lane 1: NCAM1 transfected lysate (94.6 kDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NCAM1 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant NCAM1.

Immunogen	NCAM1 (AAH47244, 611 a.a. ~ 710 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EPSAPKLEGQMGEDGNSIKVNLIKQDDGGSPIRHYLVRYRALSSEWKPEIRLPSGSDHVMLKSLD WNAEYEVYVVAENQQGKSAAHFVVRTSAQPTAIP
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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 NCAM1 expression in transfected 293T cell line by NCAM1 monoclonal antibody (M01), clone 3G12.

Lane 1: NCAM1 transfected lysate(94.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NCAM1 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NCAM1

Entrez GeneID [4684](#)

GeneBank Accession# [BC047244](#)

Protein Accession#	AAH47244
Gene Name	NCAM1
Gene Alias	CD56, MSK39, NCAM
Gene Description	neural cell adhesion molecule 1
Omim ID	116930
Gene Ontology	Hyperlink
Gene Summary	NCAM
Other Designations	antigen recognized by monoclonal antibody 5.1H11 neural cell adhesion molecule, NCAM

Publication Reference

- [Molecular characterization and expression analyses of ST8Sia II and IV in piglets during postnatal development: lack of correlation between transcription and posttranslational levels.](#)

Zhu X, Chen Y, Zhang N, Zheng Z, Zhao F, Liu N, Lv C, Troy FA 2nd, Wang B.

Glycoconjugate Journal 2015 Dec; 32(9):715.

Application: WB, Pig, Brain, liver, spleen, heart, pancreas, skeletal muscle and kidney

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Prion diseases](#)

Disease

- [Alcoholism](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Cocaine-Related Disorders](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Inhibition \(Psychology\)](#)
- [Mental Disorders](#)
- [Opioid-Related Disorders](#)
- [Schizophrenia](#)
- [Substance-Related Disorders](#)
- [Tobacco Use Disorder](#)