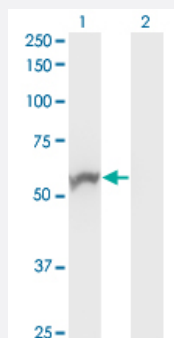


NOVA1 monoclonal antibody (M12), clone 3F7

Catalog # H00004857-M12

Size 100 ug

Applications

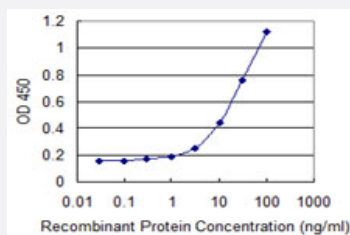


Western Blot (Transfected lysate)

Western Blot analysis of NOVA1 expression in transfected 293T cell line by NOVA1 monoclonal antibody (M12), clone 3F7.

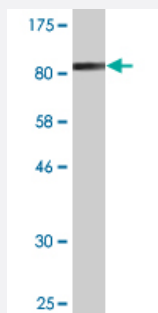
Lane 1: NOVA1 transfected lysate (Predicted MW: 51.7 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NOVA1 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (81.29 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant NOVA1.

Immunogen	NOVA1 (NP_002506.2, 1 a.a. ~ 507 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MMAAAPIQQNGTHTGVPIDLDPDSRKRPLEAPPEAGSTKRTNTGEDGQYFLKVLIPSYAAGSIIGKGGQTIVQLQKETGATIKLSKSKDFYPGTTERVCLIQGTVEALNAVHGFIAEKIREMPQNVAKTEPVSI LQPQTTVNPDRIKQTLPSPTTTKSSPSDPMTTSRANQVKIVPNSTAGLIIGKGGATVKAVMEQSGAWVQLSQKPDGINLQERVVTVSGEPEQNRKAVELIIQKIQEDPQSGSCLNISYANVTGPVANSNPTGSPYANTAENVLPTAAAAAGLLGHANLAGVAAFPVLSGFTGNDLVAITSALNTLASYGYNLNTLGLGLSQAATGALAAAAASANPAAAAANLLATYASEASASGSTAGGTAGTFALGSLAAATAATNGYFGAASPLAASAILGTEKSTDGSKDVVEIAVPENLVGAILGKGGKTLVEYQELTGARIQISKKGEFVPGTRNRKVTITGTPAATQAAQYLITQRITYEQGVRAANPQKVG
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (81.29 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 NOVA1 expression in transfected 293T cell line by NOVA1 monoclonal antibody (M12), clone 3F7.

Lane 1: NOVA1 transfected lysate (Predicted MW: 51.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NOVA1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NOVA1

Entrez GeneID [4857](#)**GeneBank Accession#** [NM_002515](#)**Protein Accession#** [NP_002506.2](#)**Gene Name** NOVA1**Gene Alias** Nova-1**Gene Description** neuro-oncological ventral antigen 1**Omim ID** [602157](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a neuron-specific RNA-binding protein, a member of the Nova family of paraneoplastic disease antigens, that is recognized and inhibited by paraneoplastic antibodies. These antibodies are found in the sera of patients with paraneoplastic opsoclonus-ataxia, breast cancer, and small cell lung cancer. Alternatively spliced transcripts encoding distinct isoforms have been described. [provided by RefSeq]

Other Designations paraneoplastic Ri antigen|ventral neuron-specific protein 1

Disease

- [Cardiovascular Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson Disease](#)
- [Schizophrenia](#)
- [Ventricular Dysfunction](#)