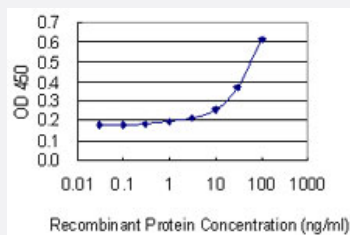


CHRNA1 monoclonal antibody (M04), clone 2G5

Catalog # H00001134-M04

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHRNA1 is 3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CHRNA1.
Immunogen	CHRNA1 (NP_000070.1, 146 a.a. ~ 231 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SYCEIVTHFPFDEQNCMKLGTWYDGSVVAINPESDQPDLSNFMESGEWWIKESRGWKHSVTY SCCPDTPYLDITYHFVMQRLP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHRNA1 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CHRNA1

Entrez GeneID [1134](#)

GeneBank Accession# [NM_000079](#)

Protein Accession# [NP_000070.1](#)

Gene Name CHRNA1

Gene Alias ACHRA, ACHRD, CHRNA, CMS2A, FCCMS, SCCMS

Gene Description cholinergic receptor, nicotinic, alpha 1 (muscle)

Omim ID [100690 601462 608930](#)

Gene Ontology [Hyperlink](#)

Gene Summary The muscle acetylcholine receptor consists of 5 subunits of 4 different types: 2 alpha isoforms and 1 each of beta, gamma, and delta subunits.2 This gene encodes an alpha subunit that plays a role in acetylcholine binding/channel gating. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations cholinergic receptor, nicotinic, alpha polypeptide 1 (muscle)|nicotinic acetylcholine receptor alpha subunit|nicotinic cholinergic receptor alpha 1

Disease

- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
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