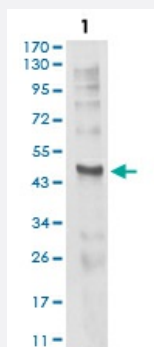


CHRND monoclonal antibody, clone 1H1F9

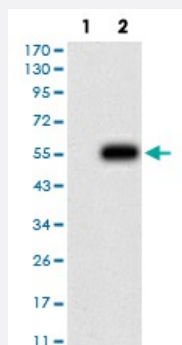
Catalog # MAB17601 Size 100 ug

Applications



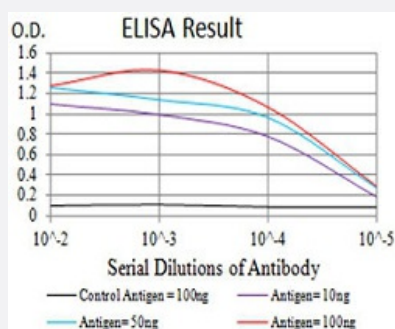
Western Blot (Cell lysate)

Western blot analysis of C6 cell with CHRND monoclonal antibody.



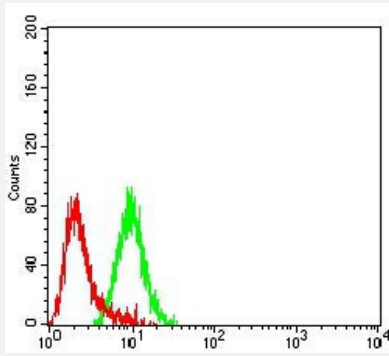
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) CHRND-hlgGfc transfected HEK293 cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of CHRND monoclonal antibody, clone 1H1F9.



Flow Cytometry

Flow cytometric analysis of SK-N-SH cells with CHRND monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human CHRND.
Immunogen	Recombinant protein corresponding to amino acid 22-245 of human CHRND from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	58.8
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunocytochemistry Flow Cytometry (1:200-1:400) Immunohistochemistry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of C6 cell with CHRND monoclonal antibody.

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) CHRND-hlgGfc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of CHRND monoclonal antibody, clone 1H1F9.

- Flow Cytometry

Flow cytometric analysis of SK-N-SH cells with CHRND monoclonal antibody (green) and negative control (red).

Gene Info — CHRND

Entrez GeneID [1144](#)

Gene Name CHRND

Gene Alias ACHRD, CMS2A, FCCMS, SCCMS

Gene Description cholinergic receptor, nicotinic, delta

Omim ID [100720](#) [601462](#) [608930](#)

Gene Ontology [Hyperlink](#)

Gene Summary The acetylcholine receptor of muscle has 5 subunits of 4 different types: 2 alpha and 1 each of beta, gamma and delta subunits. After acetylcholine binding, the receptor undergoes an extensive conformation change that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. [provided by RefSeq]

Other Designations cholinergic receptor, nicotinic, delta polypeptide|nicotinic acetylcholine receptor delta polypeptide

Disease

- [Genetic Predisposition to Disease](#)

- [Mental Disorders](#)

- [Myasthenia Gravis](#)

- [Obesity](#)

- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Thymoma](#)
- [Thymus Neoplasms](#)
- [Tobacco Use Disorder](#)