

CHRND
Purified Mouse Monoclonal Antibody
Catalog # AO2678a**Specification**

CHRND - Product Information

Application	WB, IHC, ICC, E
Primary Accession	Q07001
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	58.8kDa KDa

Immunogen

Purified recombinant fragment of human CHRND (AA: extra 22-245) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

CHRND - Additional Information

Gene ID 1144

Other Names

ACHRD; CMS2A; CMS3A; CMS3B; CMS3C; FCCMS; SCCMS

Dilution

WB~~ 1/500 - 1/2000

IHC~~1:100~500

ICC~~N/A

E~~ 1/10000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CHRND is for research use only and not for use in diagnostic or therapeutic procedures.

CHRND - Protein Information

Name CHRND ([HGNC:1965](#))

Synonyms ACHRD

Function

After binding acetylcholine, the AChR responds by an extensive change in conformation that

affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.

Cellular Location

Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

CHRND - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CHRND - Images

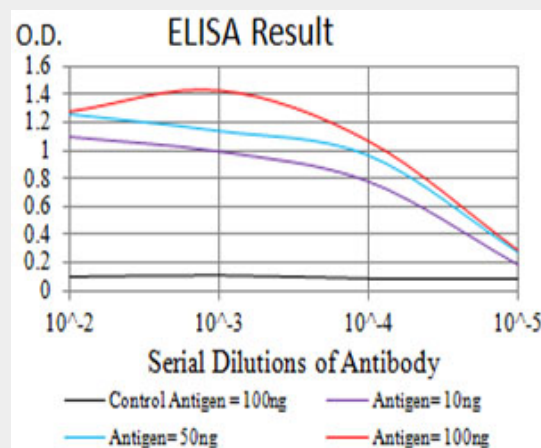


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

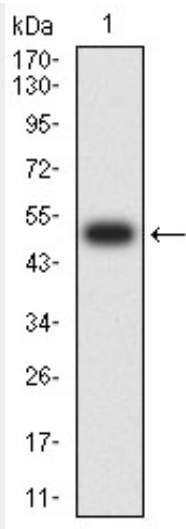


Figure 2: Western blot analysis using CHRND mAb against human CHRND (AA: extra 22-245) recombinant protein. (Expected MW is 52.2 kDa)

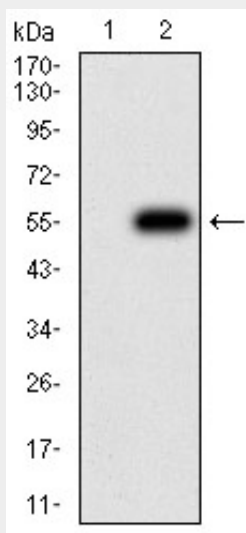


Figure 3: Western blot analysis using CHRND mAb against HEK293 (1) and CHRND (AA: extra 22-245)-hlgGFc transfected HEK293 (2) cell lysate.

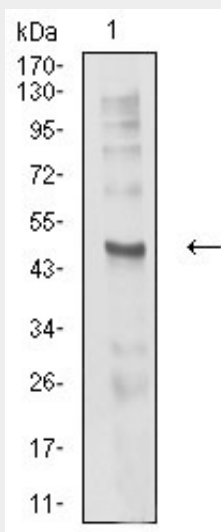


Figure 4: Western blot analysis using CHRND mouse mAb against C6 (1) cell lysate.

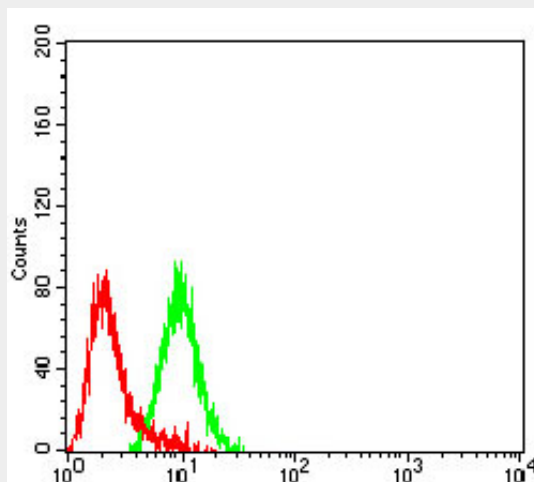


Figure 5: Flow cytometric analysis of SK-N-SH cells using CHRND mouse mAb (green) and negative control (red).

CHRND - References

1. Clin Dysmorphol. 2013 Apr;22(2):54-8. 2. J Biol Chem. 2014 Jan 3;289(1):203-14.