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CHRND

Purified Mouse Monoclonal Antibody
Catalog # AO2678a

Product Information

Application	WB, IHC, ICC, E
Primary Accession	Q07001
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	1H1F9
Isotype	Mouse IgG1
Calculated MW	58895
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

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.

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

References

1.Clin Dysmorphol. 2013 Apr;22(2):54-8.2.J Biol Chem. 2014 Jan 3;289(1):203-14.

Images

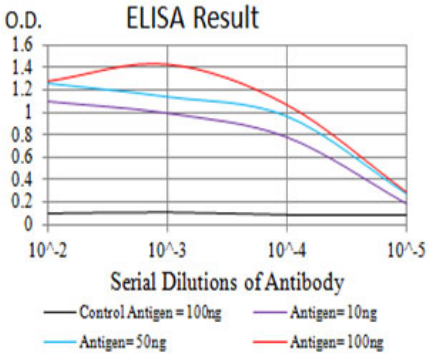


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

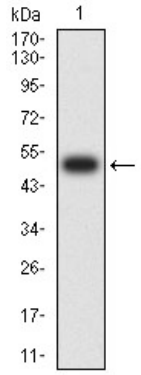


Figure 2:Western blot analysis using CHRND mAb against human CHRND (AA: extra 22-245) recombinant protein. (Expected MW is 52.2 kDa)

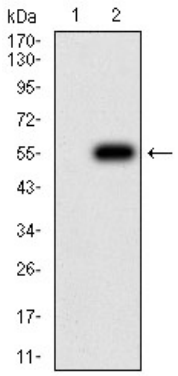


Figure 3:Western blot analysis using CHRND mAb against HEK293 (1) and CHRND (AA: extra 22-245)-hIgGFc transfected HEK293 (2) cell lysate.

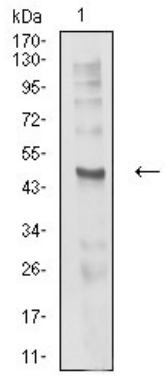
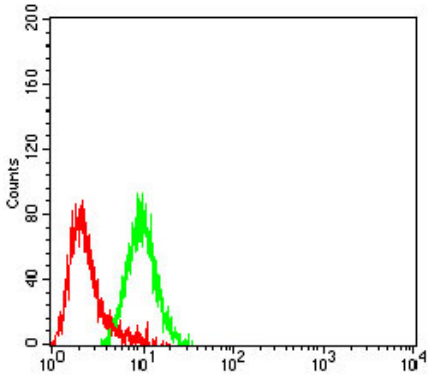


Figure 4:Western blot analysis using CHRND mouse mAb against C6 (1) cell lysate.

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



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.