

CHRNA7
Purified Mouse Monoclonal Antibody
Catalog # AO2586a**Specification**

CHRNA7 - Product Information

Application	WB, IHC, ICC, E
Reactivity	Human, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	56.4kDa KDa

Immunogen

Purified recombinant fragment of human CHRNA7 (AA: extra 52-259) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

CHRNA7 - Additional Information**Other Names**

NACHRA7; CHRNA7-2

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

CHRNA7 is for research use only and not for use in diagnostic or therapeutic procedures.

CHRNA7 - Protein Information**CHRNA7 - 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](#)

CHRNA7 - Images

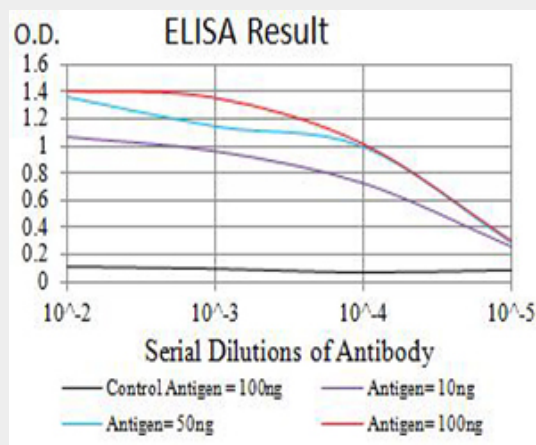


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

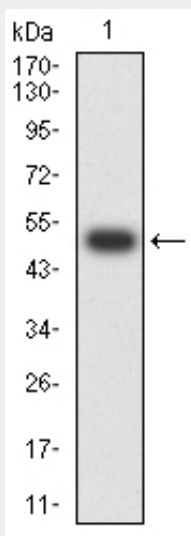


Figure 2: Western blot analysis using CHRNA7 mAb against human CHRNA7 (AA: extra 52-259) recombinant protein. (Expected MW is 50.4 kDa)

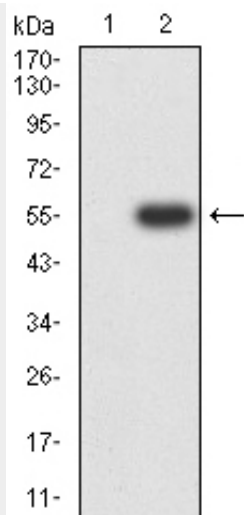


Figure 3: Western blot analysis using CHRNA7 mAb against HEK293 (1) and CHRNA7 (AA: extra 52-259)-hlgGFc transfected HEK293 (2) cell lysate.

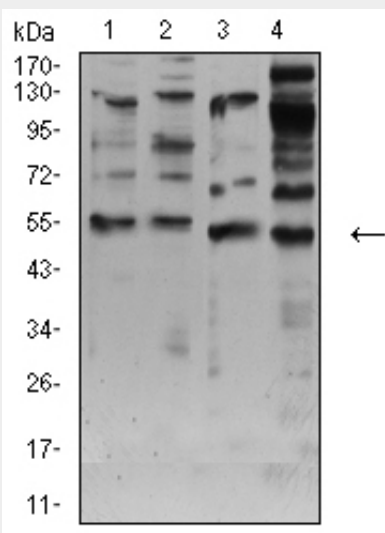


Figure 4: Western blot analysis using CHRNA7 mouse mAb against membrane protein lysate of C6 (1), membrane protein lysate of SK-N-SH (2), C6 (3), and HepG2 (4) cell lysate.

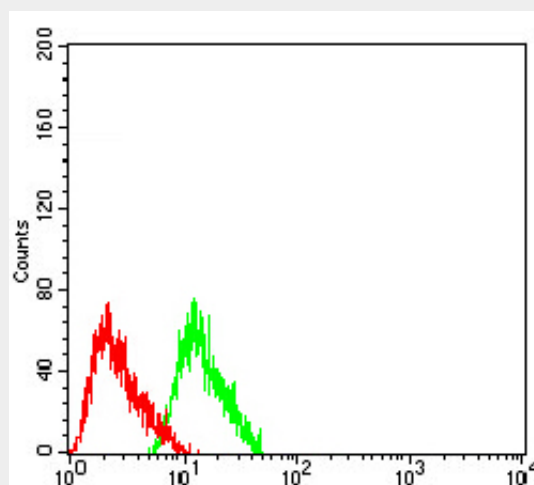


Figure 5: Flow cytometric analysis of SH-SY5Y cells using CHRNA7 mouse mAb (green) and

negative control (red).

CHRNA7 - References

1.Neuromolecular Med. 2015 Dec;17(4):423-30. 2.Eur J Hum Genet. 2015 Aug;23(8):1019-24.