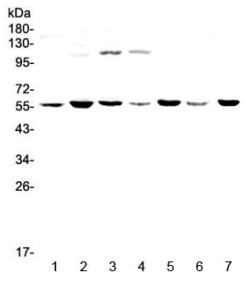
CHRNA3 Antibody (RQ4415)

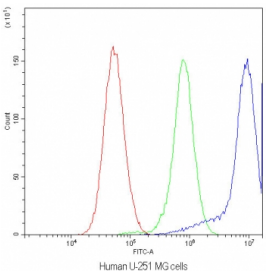
Catalog No.	Formulation	Size
RQ4415	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

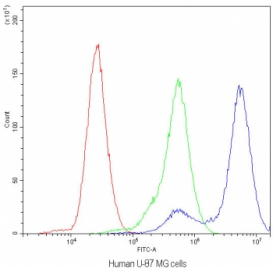
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P32297
Applications	Western blot: 0.5-1ug/ml FACS: 1-3ug/10^6 cells
Limitations	This CHRNA3 antibody is available for research use only.



Western blot testing of human 1) HeLa, 2) MDA-MB-453, 3) Jurkat, 4) HepG2, 5) SK-OV-3, 6) PANC-1 and 7) mouse thymus lysate with CHRNA3 antibody at 0.5ug/ml. Predicted molecular weight ~57 kDa.



Flow cytometry testing of human U-251 MG cells with CHRNA3 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue=CHRNA3 antibody.



Flow cytometry testing of human U-87 MG cells with CHRNA3 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue=CHRNA3 antibody.

Description

After binding acetylcholine, Nicotinic Acetylcholine Receptor alpha 3 (CHRNA3) responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. [UniProt]

Application Notes

Optimal dilution of the CHRNA3 antibody should be determined by the researcher.

Immunogen

Amino acids DAVLSLSALSPEIKEAIQSVKYIAENMKAQNEAKEIQD from the human protein were used as the immunogen for the CHRNA3 antibody.

Storage

After reconstitution, the CHRNA3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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