Neuronal Nicotinic Acetylcholine Receptor, alpha7-Subunit, Monoclonal Antibody
Catalog Number: MMS-627R
Available Size: 0.5 mL

Description:
Monoclonal Antibody against Neuronal Nicotinic Acetylcholine Receptor, alpha7-Subunit

Also Known As:
nicotinic acetylcholine receptor subunit alpha-7; a7 nicotinic acetylcholine receptor; alpha-7 nicotinic cholinergic receptor subunit; alpha-7 neuronal nicotinic acetylcholine receptor; cholinergic receptor, nicotinic, alpha polypeptide 7

Intended Use:
**Research Use Only (RUO)**
This product is sold for laboratory research use only, not for human or in-vivo use.

Form:
Ascites

Clone:
306

Host:
Mouse

IsoType:
IgG1

Species Reactivity:
Human, Rat, Chicken

Specificity:
This antibody was generated in mice against purified rat and chicken brain alpha-7 neuronal nicotinic acetylcholine receptors (nAChRs). It binds to the cytoplasmic surface of chicken alpha-7 AChRs between amino acids 380-400. Clone 306 binds to both native and denatured chicken alpha-7. It also binds to denatured rat and human alpha-7 but with lower affinity than to chicken alpha-7. This antibody is also useful histologically.

Uses:
This antibody is effective in immunoblotting, immunofluorescence (IF), immunohistochemistry (IHC) and immunoprecipitation (IP).

Suggested Working Dilution:
The optimal working dilution should be determined for each specific assay condition.
- Western blot: 1:1,000*
- IF: 1:500
- IHC: 1:100
- IP: 1:150

Notes:
*Predicted MW = 57 kDa

Storage:
Store at -20°C. Upon initial thawing, apportion into working aliquots and store at -20°C. Avoid repeated freeze-thaw cycles to prevent denaturing.

See reverse side for additional information
the antibody. For long-term storage, keep the antibody at -80°C.

References:


Warranty/Conditions:
Covance products may not be resold or modified for resale without prior written approval. All sales are subject to Covance Antibody Products Terms and Conditions of Sale.

Datasheet Revision Date:
11/6/2011

Related Products:
- Neuronal Nicotinic Acetylcholine Receptor, α7-Subunit, Monoclonal Antibody Catalog Number MRT-629R