

## Mouse Monoclonal Antibody to CHRNA3

<b>Catalogue Number</b>	sAP-1563
<b>Target Molecule</b>	<b>Name:</b> CHRNA3 <b>Aliases:</b> LNCR2; PAOD2; NACHRA3 <b>MW:</b> 57.5kDa <b>Entrez Gene ID:</b> 1136
<b>Description</b>	This locus encodes a member of the nicotinic acetylcholine receptor family of proteins. Members of this family of proteins form pentameric complexes comprised of both alpha and beta subunits. This locus encodes an alpha-type subunit, as it contains characteristic adjacent cysteine residues. The encoded protein is a ligand-gated ion channel that likely plays a role in neurotransmission. Polymorphisms in this gene have been associated with an increased risk of smoking initiation and an increased susceptibility to lung cancer. Alternatively spliced transcript variants have been described.
<b>Immunogen</b>	Purified recombinant fragment of human CHRNA3 (AA: 32-240) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM6D3A10
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400; IHC: N to A
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Tumour Biol. 2015 Jul;36(7):4987-92.2.Int J Mol Sci. 2014 Mar 28;15(4):5446-57.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**