

Mouse Monoclonal Antibody to CHRNA5

Catalogue Number	sAP-1581
Target Molecule	Name: CHRNA5 Aliases: LNCR2 MW: 53kDa Entrez Gene ID: 1138
Description	The protein encoded by this gene is a nicotinic acetylcholine receptor subunit and a member of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. These receptors are thought to be heteropentamers composed of separate but similar subunits. Defects in this gene have been linked to susceptibility to lung cancer type 2 (LNCR2).
Immunogen	Purified recombinant fragment of human CHRNA5 (AA: extra 23-254) expressed in E. Coli.
Reactive Species	Human;Rat;
Clone	MM2D2D10
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Asian Pac J Cancer Prev. 2015;16(15):6685-90. 2. Nicotine Tob Res. 2016 Feb;18(2):212-20.

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**