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Datasheet for ABIN5611358

# anti-CHRNA6 antibody (AA 26-239)



# **Images**



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Quantity:	0.1 mg
Target:	CHRNA6
Binding Specificity:	AA 26-239
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

#### **Product Details**

Immunogen:	Purified recombinant fragment of human CHRNA6 (AA: 26-239) expressed in E. coli.
Clone:	5B6G8
Isotype:	IgG1
Purification:	purified

#### **Target Details**

Target:	CHRNA6
Alternative Name:	CHRNA6 (CHRNA6 Products)
Background:	Description: This gene encodes an alpha subunit of neuronal nicotinic acetylcholine receptors.
	These receptors consist of five subunits and function as ion channels involved in
	neurotransmission. The encoded protein is a subunit of neuronal nicotinic acetylcholine

## **Target Details**

receptors that mediate dopaminergic neurotransmission and are activated by acetylcholine a	and
exogenous nicotine. Alternatively spliced transcript variants have been observed for this general	e.
Single nucleotide polymorphisms in this gene have been associated with both nicotine and	
alcohol dependence.	

Molecular Weight:	57 kDa
Gene ID:	8973

HGNC: 8973

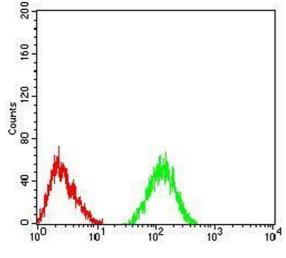
Aliases: CHNRA6

### **Application Details**

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:100 - 1:500, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000
Restrictions:	For Research Use only

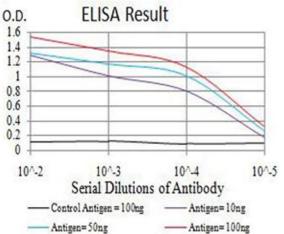
# Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



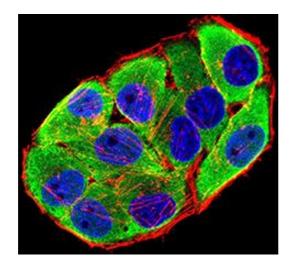
#### **Flow Cytometry**

**Image 1.** Flow cytometric analysis of SK-N-SH cells using CHRNA6 mouse mAb (green) and negative control (red).



#### **ELISA**

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)



#### **Immunofluorescence**

**Image 3.** Immunofluorescence analysis of Hela cells using CHRNA6 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

Please check the product details page for more images. Overall 7 images are available for ABIN5611358.