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anti-DRD5 antibody (C-Term)

2 Images



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Overview	
Quantity:	400 μL
Target:	DRD5
Binding Specificity:	AA 421-456, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DRD5 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	This DRD5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic
	peptide between 421-456 amino acids from the C-terminal region of human DRD5.
Clone:	RB52763
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	DRD5
Alternative Name:	DRD5 (DRD5 Products)
Background:	Dopamine receptor whose activity is mediated by G proteins which activate adenylyl cyclase.

Target Details

Molecular Weight:	52951
UniProt:	P21918
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones, cAMP Metabolic Process,
	Regulation of long-term Neuronal Synaptic Plasticity

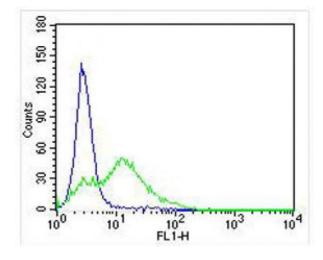
Application Details

Application Notes:	WB: 1:2000. FC: 1:25
Restrictions:	For Research Use only

Handling

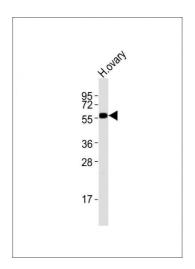
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Images



Flow Cytometry

Image 1. Overlay histogram showing U-87 MG cells stained with (ABIN6242283 and ABIN6578055) (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6242283 and ABIN6578055), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit lgG (H+L) (1583138) at 1/400 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit lgG1 (1 μ g/1x10^6 cells) used under the



same conditions. Acquisition of >10, 000 events was performed.

Western Blotting

Image 2. Anti-DRD5 Antibody (C-term)at 1:2000 dilution + human ovary lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 53 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.