

Anti-DRD5 Antibody (C-term)

Catalog Number: M03010

About DRD5

Dopamine receptor whose activity is mediated by G proteins which activate adenylyl cyclase.

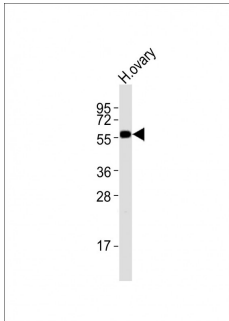
Overview

Product Name	Anti-DRD5 Antibody (C-term)
Reactive Species	Human
Description	Boster Bio Anti-DRD5 Antibody (C-term) (Catalog # M03010). Tested in WB, Flow Cytometry application(s). This antibody reacts with Human.
Application	Flow Cytometry, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P21918

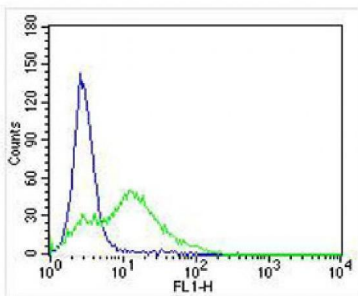
Technical Details

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.
Predicted Reactive Species	Bovine, Chicken, Horse, Monkey, Pig, Sheep, Xenopus
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000 FC: 1:25

Anti-DRD5 Antibody (C-term) (M03010) Images



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% NFD/MTBST.



Overlay histogram showing U-87 MG cells stained with M03010 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (M03010, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) at 1/400 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.

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