

Anti-DRD2 Antibody (Monoclonal, 31D45)

Catalog Number: M00289

About DRD2

Dopamine receptor D2, also known as D2R or D2DR is a protein that in humans is encoded by the DRD2 gene. DRD2 gene is mapped to 11q23.2. This gene encodes the D2 subtype of the dopamine receptor. This G-protein coupled receptor inhibits adenylyl cyclase activity. A missense mutation in this gene causes myoclonus dystonia; other mutations have been associated with schizophrenia. Alternative splicing of this gene results in two transcript variants encoding different isoforms. A third variant has been described, but it has not been determined whether this form is normal or due to aberrant splicing.

Overview

Product Name	Anti-DRD2 Antibody (Monoclonal, 31D45)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-DRD2 Antibody (Monoclonal, 31D45) catalog # M00289. Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse.
Application	Flow Cytometry, IF, ICC, WB
Clonality	Monoclonal 31D45
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P14416

Technical Details

Immunogen	Recombinant protein within human Dopamine D2 Receptor aa 216-371.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunocytochemistry/Immunofluorescence, 1:50-200

Flow Cytometry (Fixed), 1:50-200

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