

## Anti-DRD2 Antibody (Monoclonal, 35D31)

Catalog Number: M00289-1

### 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, 35D31)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DRD2 Antibody (Monoclonal, 35D31) catalog # M00289-1. Tested in IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC
Clonality	Monoclonal 35D31
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	Immunohistochemistry, 1:50-200

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