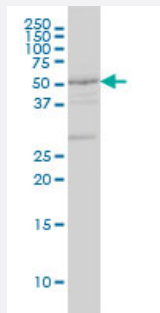


DRD2 monoclonal antibody (M01A), clone 1B11

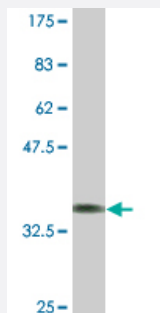
Catalog # H00001813-M01A Size 200 uL

Applications



Western Blot (Cell lysate)

DRD2 monoclonal antibody (M01A), clone 1B11 Western Blot analysis of DRD2 expression in HL-60 (Cat # L014V1).



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DRD2.
Immunogen	DRD2 (AAH21195, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDPLNLSWYDDDLERQNWSRPFNGSDGKADRPHYNYATLLTLLIAVIVFGNVLVCMASREKAL QTTNLYLVSLAVADLLVATLVMPWVVYLEVVGGEWKFSRIHCDIF
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Rat (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

DRD2 monoclonal antibody (M01A), clone 1B11 Western Blot analysis of DRD2 expression in HL-60 (Cat # L014V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — DRD2

Entrez GeneID	1813
GeneBank Accession#	BC021195
Protein Accession#	AAH21195
Gene Name	DRD2
Gene Alias	D2DR, D2R
Gene Description	dopamine receptor D2
Omim ID	126450 159900
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

dopamine receptor D2 isoform|seven transmembrane helix receptor

Publication Reference

- [SCH23390, a dopamine D\(1\) receptor antagonist, suppressed scratching behavior induced by compound 48/80 in mice.](#)

Akimoto Y, Furuse M.

European Journal of Pharmacology 2011 Nov; 670(1):162.

Application: IF, Mouse, Mouse lateral hypothalamus

Pathway

- [Gap junction](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acute Disease](#)
- [Adenoma](#)
- [Adolescent Psychology](#)
- [Akathisia](#)
- [Alcohol Withdrawal Delirium](#)
- [Alcohol Withdrawal Seizures](#)
- [Alcoholism](#)
- [Alcohol-Related Disorders](#)
- [Alzheimer disease](#)

- [Amphetamine-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Anxiety Disorders](#)
- [Appetite](#)
- [Aptitude](#)
- [Arousal](#)
- [Association Learning](#)
- [Atrophy](#)
- [Attention](#)
- [Attention Deficit and Disruptive Behavior Disorders](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Avoidance Learning](#)
- [Basal Ganglia Diseases](#)
- [Bipolar Disorder](#)
- [Birth Weight](#)
- [Body Image](#)
- [Body Weight](#)
- [Brain Injuries](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Brief Psychiatric Rating Scale](#)
- [Bulimia](#)
- [Bulimia Nervosa](#)
- [Carcinoma](#)

- [Cardiovascular Diseases](#)
- [Child Behavior Disorders](#)
- [Child Development Disorders](#)
- [Choice Behavior](#)
- [Chromosome Deletion](#)
- [Cocaine-Related Disorders](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Combat Disorders](#)
- [Conditioning](#)
- [Conditioning \(Psychology\)](#)
- [Conduct Disorder](#)
- [Counseling](#)
- [Creativeness](#)
- [Crohn Disease](#)
- [Cues](#)
- [Decision Making](#)
- [Delirium](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Discrimination \(Psychology\)](#)
- [Discrimination Learning](#)

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- [Disease Susceptibility](#)
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- [Dyskinesia](#)
- [Dystonia](#)
- [Eating Disorders](#)
- [Edema](#)
- [Electroconvulsive Therapy](#)
- [Electroshock](#)
- [Epilepsy](#)
- [Esophageal Neoplasms](#)
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- [Gambling](#)
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- [Genetics](#)
- [Glomerulonephritis](#)
- [Hallucinations](#)
- [Head and Neck Neoplasms](#)
- [Hepatitis C](#)
- [Heroin Dependence](#)

- [Hypercholesterolemia](#)
- [Hyperphagia](#)
- [Hyperprolactinemia](#)
- [Hypertension](#)
- [Hypokinesia](#)
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- [Impulse Control Disorders](#)
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- [Interview](#)
- [Language Tests](#)
- [Laryngeal Neoplasms](#)
- [Learning](#)
- [Leiomyoma](#)
- [Liver Cirrhosis](#)
- [Low Back Pain](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Malnutrition](#)
- [Marijuana Abuse](#)
- [Memory](#)
- [Memory Disorders](#)
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- [Mental Processes](#)
- [Mental Retardation](#)
- [Metabolic Syndrome X](#)

- [Migraine Disorders](#)
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- [Pain](#)
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- [Parkinson disease](#)
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- [Pattern Recognition](#)

- [Personal Construct Theory](#)
- [Personality Assessment](#)
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- [Pharyngeal Neoplasms](#)
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- [Recurrence](#)
- [Reinforcement \(Psychology\)](#)
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- [Restless Legs Syndrome](#)
- [Reward](#)
- [Satiety Response](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Schizotypal Personality Disorder](#)
- [Sciatica](#)
- [Sensation](#)
- [Serial Learning](#)
- [Set \(Psychology\)](#)
- [Sleep Deprivation](#)
- [Startle Reaction](#)
- [Stomach Neoplasms](#)
- [Stress](#)
- [Stress Disorders](#)
- [Stuttering](#)
- [Substance Withdrawal Syndrome](#)
- [Substance-Related Disorders](#)
- [Taste](#)
- [Thrombophilia](#)
- [Tic Disorders](#)
- [Tobacco Use Disorder](#)
- [Tourette Syndrome](#)
- [Trail Making Test](#)
- [Tremor](#)
- [Urinary Bladder Neoplasms](#)

- [Uterine Neoplasms](#)
- [Verbal Learning](#)
- [Visual Perception](#)
- [Wechsler Scales](#)
- [Weight Gain](#)
- [Weight Loss](#)
- [Werner syndrome](#)
- [Wounds and Injuries](#)