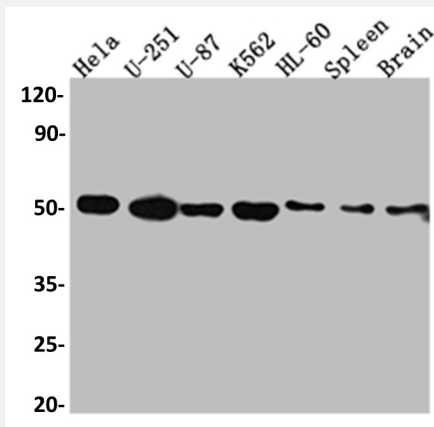


RecomAb™

DRD3 recombinant monoclonal antibody, clone 5B10

Catalog # RAB07447 Size 100 uL

Applications



Western Blot

Western blot analysis of HeLa whole cell lysate, U-251 whole cell lysate, U-87 whole cell lysate, K562 whole cell lysate, HL-60 whole cell lysate, Rat Spleen whole cell lysate, Rat Brain whole cell lysate with DRD3 recombinant monoclonal antibody, clone 5B10 (Cat # RAB07447).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human DRD3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human DRD3.
Theoretical MW (kDa)	Calculated MW: 45, 4
Reactivity	Human, Rat
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Hela whole cell lysate, U-251 whole cell lysate, U-87 whole cell lysate, K562 whole cell lysate, HL-60 whole cell lysate, Rat Spleen whole cell lysate, Rat Brain whole cell lysate with DRD3 recombinant monoclonal antibody, clone 5B10 (Cat # RAB07447).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — DRD3

Entrez GeneID	1814
Protein Accession#	P35462
Gene Name	DRD3
Gene Alias	D3DR, ETM1, FET1, MGC149204, MGC149205
Gene Description	dopamine receptor D3
Omim ID	126451 181500 190300
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the D3 subtype of the five (D1-D5) dopamine receptors. The activity of the D3 subtype receptor is mediated by G proteins which inhibit adenylyl cyclase. This receptor is localized to the limbic areas of the brain, which are associated with cognitive, emotional, and endocrine functions. Genetic variation in this gene may be associated with susceptibility to hereditary essential tremor 1. Alternative splicing of this gene results in transcript variants encoding different isoforms, although some variants may be subject to nonsense-mediated decay (NMD). [provided by RefSeq]
Other Designations	essential tremor 1

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Adolescent Psychology](#)
- [Akathisia](#)
- [Alcohol Withdrawal Seizures](#)
- [Alcoholism](#)
- [Alcohol-Related Disorders](#)
- [Alzheimer disease](#)
- [Amnesia](#)
- [Anorexia Nervosa](#)
- [Anovulation](#)
- [Antisocial Personality Disorder](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Basal Ganglia Diseases](#)
- [Bipolar Disorder](#)
- [Breast Neoplasms](#)
- [Brief Psychiatric Rating Scale](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Chromosome Deletion](#)
- [Chronic Disease](#)

- [Cocaine-Related Disorders](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Colorectal Neoplasms](#)
- [Compulsive Personality Disorder](#)
- [Cues](#)
- [Delirium](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Disease Models](#)
- [Disorders of Excessive Somnolence](#)
- [Dominance](#)
- [Dyskinesia](#)
- [Edema](#)
- [Essential tremor](#)
- [Fibromyalgia](#)
- [Gambling](#)
- [Genetic Predisposition to Disease](#)
- [Genetics](#)
- [Hallucinations](#)
- [Heroin Dependence](#)
- [Hyperalgesia](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)

- [Hypokinesia](#)
- [Impulse Control Disorders](#)
- [Inhibition \(Psychology\)](#)
- [Interview](#)
- [Learning](#)
- [Lymphoma](#)
- [Memory](#)
- [Mental Disorders](#)
- [Mental Status Schedule](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Migraine without Aura](#)
- [Mood Disorders](#)
- [Multiple Sclerosis](#)
- [Muscle Rigidity](#)
- [Narcolepsy](#)
- [NARP](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Obsessive-Compulsive Disorder](#)
- [Ocular Motility Disorders](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Pain Threshold](#)
- [Panic Disorder](#)

- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Personality Disorders](#)
- [Personality Inventory](#)
- [Personality Tests](#)
- [Polycystic Ovary Syndrome](#)
- [Psychiatric Status Rating Scales](#)
- [Psychological Tests](#)
- [Psychoses](#)
- [Psychotic Disorders](#)
- [Puberty](#)
- [Reaction Time](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Restless Legs Syndrome](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Schizotypal Personality Disorder](#)
- [Sensation](#)
- [Sleep Deprivation](#)
- [Startle Reaction](#)
- [Stomach Neoplasms](#)
- [Substance Withdrawal Syndrome](#)
- [Substance-Related Disorders](#)
- [Task Performance and Analysis](#)
- [Thrombophilia](#)

- [Tobacco Use Disorder](#)
- [Tourette Syndrome](#)
- [Tremor](#)
- [Weight Gain](#)