RecomAb™

BRD2 recombinant monoclonal antibody, clone R05-7E0

Catalog # RAB06010 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human BRD2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human BRD2.
Theoretical MW (kDa)	Calculated MW: 88 kD
Reactivity	Human, Rat
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

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Gene Info — BRD2

Entrez GeneID	6046
Protein Accession#	P25440
Gene Name	BRD2
Gene Alias	D6S113E, DKFZp686N0336, FLJ31942, FSH, FSRG1, KIAA9001, NAT, RING3, RNF3
Gene Description	bromodomain containing 2
Omim ID	601540
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a transcriptional regulator that belongs to the BET (bromodomains and extra t erminal domain) family of proteins. This protein associates with transcription complexes and with acetylated chromatin during mitosis, and it selectively binds to the acetylated lysine-12 residue of histone H4 via its two bromodomains. The gene maps to the major histocompatability complex (M HC) class II region on chromosome 6p21.3, but sequence comparison suggests that the protein i s not involved in the immune response. This gene has been implicated in juvenile myoclonic epile psy, a common form of epilepsy that becomes apparent in adolescence. Multiple alternatively spli ced variants have been described for this gene, but the full-length nature of some of these variants has not been determined. [provided by RefSeq
Other Designations	OTTHUMP00000029350|bromodomain-containing 2|female sterile homeotic-related gene 1

Disease

- Abortion
- Alzheimer disease
- Cerebral Amyloid Angiopathy
- Epilepsy
- Genetic Predisposition to Disease
- Lupus Erythematosus
- Myoclonic Epilepsy
- Neuroblastoma
- Oligospermia

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- Photosensitivity Disorders

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