

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
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 50mM Tris-Glycine, 150mM NaCl, pH 7.4 (40% glycerol, 0.05% BSA and 0.01% Sodium azide)
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 should be handled by trained staff only.

### Applications

- Western Blot

### Gene Info — BRD2

Entrez GeneID	<a href="#">6046</a>
Protein Accession#	<a href="#">P25440</a>
Gene Name	BRD2
Gene Alias	D6S113E, DKFZp686N0336, FLJ31942, FSH, FSRG1, KIAA9001, NAT, RING3, RNF3
Gene Description	bromodomain containing 2
Omim ID	<a href="#">601540</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes a transcriptional regulator that belongs to the BET (bromodomains and extra terminal 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 histocompatibility complex (MHC) class II region on chromosome 6p21.3, but sequence comparison suggests that the protein is not involved in the immune response. This gene has been implicated in juvenile myoclonic epilepsy, a common form of epilepsy that becomes apparent in adolescence. Multiple alternatively spliced variants have been described for this gene, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]</p>
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](#)
- [Photosensitivity Disorders](#)