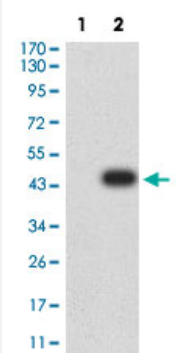
BRD2 monoclonal antibody, clone 1H6B12

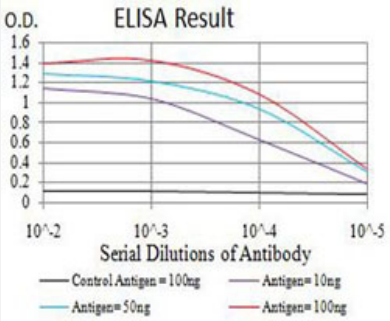
Catalog # MAB17886 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: BRD2-hIgGFc transfected HEK293 cell lysates with BRD2 monoclonal antibody, clone 1H6B12 (Cat # MAB17886).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with BRD2 monoclonal antibody, clone 1H6B12 (Cat # MAB17886).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human BRD2.
Immunogen	Recombinant protein corresponding to amino acids 227-364 of human BRD2.
Host	Mouse
Theoretical MW (kDa)	88
Reactivity	Human
Form	Liquid

Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% 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 shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

  Western Blot analysis of Lane 1: HEK293 and Lane 2: BRD2-hIgGFc transfected HEK293 cell lysates with BRD2 monoclonal antibody, clone 1H6B12 (Cat # MAB17886).

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis with BRD2 monoclonal antibody, clone 1H6B12 (Cat # MAB17886).

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
- Photosensitivity Disorders