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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

BRD2 monoclonal antibody (M01), clone 3D10

Catalog # : H00006046-M01

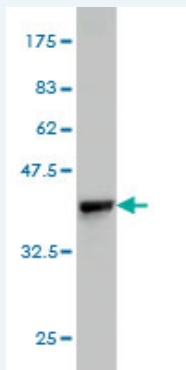
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant BRD2.
Immunogen:	BRD2 (NP_005095, 167 a.a. ~ 256 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	QTLEKIFLQKVASMPQEEQELVTIPKNSHKKGAKLAALQGSVTSAHQVP AVSSVSHTALYTPPEIPTTVLNIPHPSVISSPLLKSLHS
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (35.53 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

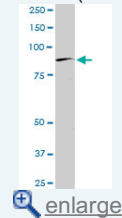
1. [Runx3 inactivation is a crucial early event in the development of lung adenocarcinoma.](#) Lee YS, Lee JW, Jang JW, Chi XZ, Kim JH, Li YH, Kim MK, Kim DM, Choi BS, Kim EG, Chung JH, Lee OJ, Lee YM, Suh JW, Chuang LS, Ito Y, Bae SCCancer Cell. 2013 Nov 11;24(5):603-16. doi: 10.1016/j.ccr.2013.10.003.

Applications

Western Blot (Cell lysate)

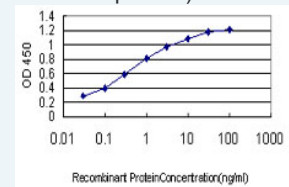
Application Image

Western Blot (Cell lysate)

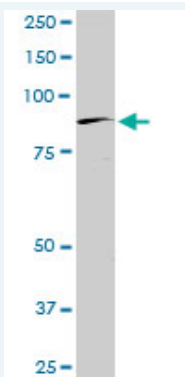


Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



ELISA



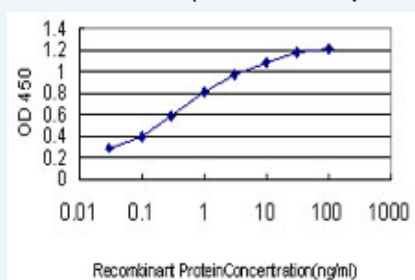
BRD2 monoclonal antibody (M01), clone 3D10. Western Blot analysis of BRD2 expression in HeLa S3 NE(Cat # L013V3).

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged BRD2 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [6046](#)

GeneBank Accession#: [NM_005104](#)

Protein Accession#: [NP_005095](#)

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 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

Other OTTHUMP00000029350,bromodomain-containing 2,female sterile
Designations: homeotic-related gene 1

Related Disease

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[Myoclonic Epilepsy, Juvenile](#) [Neuroblastoma](#) [Oligospermia](#) [Photosensitivity Disorders](#)

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