

IBRDC2 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant IBRDC2.

Catalog # AT2466a

Product Information

Application	WB, IHC, IF
Primary Accession	Q7Z419
Other Accession	NM_182757
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4F1
Calculated MW	33697

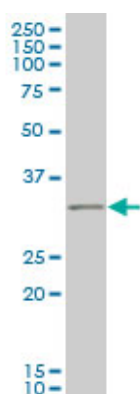
Additional Information

Gene ID	255488
Other Names	E3 ubiquitin-protein ligase RNF144B, 632-, IBR domain-containing protein 2, RING finger protein 144B, p53-inducible RING finger protein, RNF144B, IBRDC2, P53RFP
Target/Specificity	IBRDC2 (NP_877434, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	IBRDC2 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

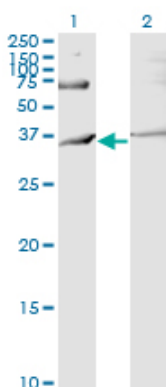
References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. IBRDC2, an IBR-type E3 ubiquitin ligase, is a regulatory factor for Bax and apoptosis activation. Benard G, et al. EMBO J, 2010 Apr 21. PMID 20300062. A comprehensive framework of E2-RING E3 interactions of the human ubiquitin-proteasome system. van Wijk SJ, et al. Mol Syst Biol, 2009. PMID 19690564. Genome-wide association scan of quantitative traits for attention deficit hyperactivity disorder identifies novel associations and confirms candidate gene associations. Lasky-Su J, et al. Am J Med Genet B Neuropsychiatr Genet, 2008 Dec 5. PMID 18821565. The p53-inducible E3 ubiquitin ligase p53RFP induces p53-dependent apoptosis. Huang J, et al. FEBS Lett, 2006

Images

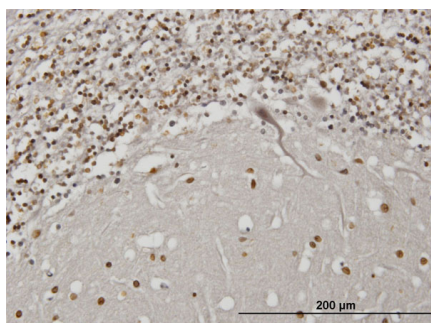


IBRDC2 monoclonal antibody (M02), clone 4F1 Western Blot analysis of IBRDC2 expression in IMR-32 (Cat # L008V1).

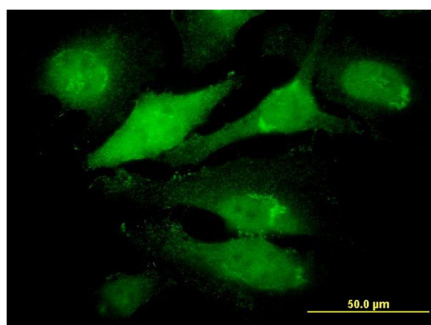


Western Blot analysis of RNF144B expression in transfected 293T cell line by IBRDC2 monoclonal antibody (M02), clone 4F1.

Lane 1: RNF144B transfected lysate(33.6 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to IBRDC2 on formalin-fixed paraffin-embedded human cerebellum. [antibody concentration 1.2 ug/ml]



Immunofluorescence of monoclonal antibody to IBRDC2 on HeLa cell. [antibody concentration 10 ug/ml]

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.