

UBE2R2 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant UBE2R2.****Catalog # AT4443a****Specification**

UBE2R2 Antibody (monoclonal) (M01) - Product Information

Application	IP, WB, E
Primary Accession	Q712K3
Other Accession	BC047584
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b kappa
Calculated MW	27166

UBE2R2 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 54926**Other Names**

Ubiquitin-conjugating enzyme E2 R2, Ubiquitin carrier protein R2, Ubiquitin-conjugating enzyme E2-CDC34B, Ubiquitin-protein ligase R2, UBE2R2, CDC34B, UBC3B

Target/Specificity

UBE2R2 (AAH47584, 1 a.a. ~ 238 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

UBE2R2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

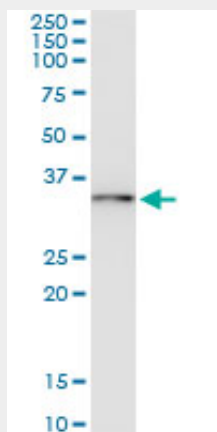
UBE2R2 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

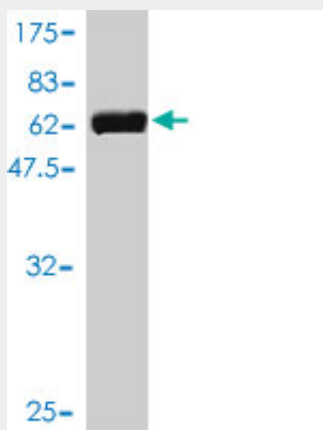
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

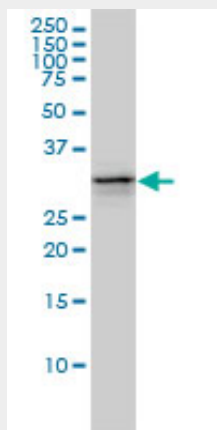
UBE2R2 Antibody (monoclonal) (M01) - Images



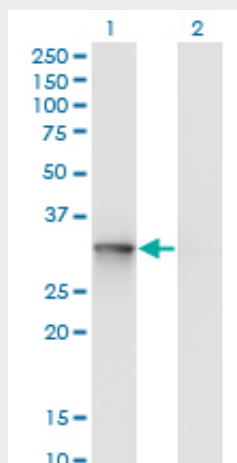
Immunoprecipitation of UBE2R2 transfected lysate using anti-UBE2R2 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with UBE2R2 monoclonal antibody.



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (51.92 KDa) .



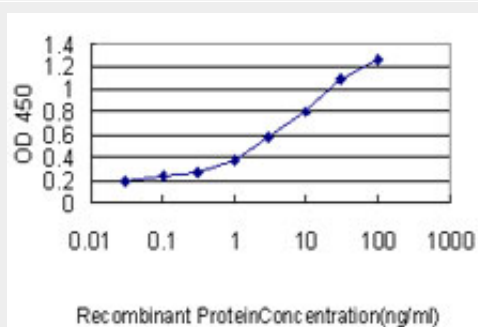
UBE2R2 monoclonal antibody (M01), clone 5E7 Western Blot analysis of UBE2R2 expression in Jurkat (Cat # AT4443a)



Western Blot analysis of UBE2R2 expression in transfected 293T cell line by UBE2R2 monoclonal antibody (M01), clone 5E7.

Lane 1: UBE2R2 transfected lysate (Predicted MW: 27.2 kDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged UBE2R2 is approximately 0.1 ng/ml as a capture antibody.

UBE2R2 Antibody (monoclonal) (M01) - Background

Protein kinase CK2 is a ubiquitous and pleiotropic Ser/Thr protein kinase involved in cell growth and transformation. This gene encodes a protein similar to the E2 ubiquitin conjugating enzyme UBC3/CDC34. Studies suggest that CK2-dependent phosphorylation of this ubiquitin-conjugating enzyme functions by regulating beta-TrCP substrate recognition and induces its interaction with beta-TrCP, enhancing beta-catenin degradation.

UBE2R2 Antibody (monoclonal) (M01) - 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. Association of genetic variants with hemorrhagic stroke in Japanese individuals. Yoshida T, et al. Int J Mol Med, 2010 Apr. PMID 20198315. Assessment of a polymorphism of SDK1 with hypertension in Japanese Individuals. Oguri M, et al. Am J Hypertens, 2010 Jan. PMID 19851296. Collaborative genome-wide association analysis supports a role for ANK3 and CACNA1C in bipolar disorder. Ferreira MA, et al. Nat Genet, 2008 Sep. PMID 18711365. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.