10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

UBE2T Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant UBE2T.
Catalog # AT4444a

Specification

UBE2T Antibody (monoclonal) (M01) - Product Information

Application	**WB, IP**
Primary Accession	Q9NPD8
Other Accession	BC004152
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b kappa**
Calculated MW	**22521**

UBE2T Antibody (monoclonal) (M01) - Additional Information

Gene ID 29089

Other Names
Ubiquitin-conjugating enzyme E2 T, Cell proliferation-inducing gene 50 protein, Ubiquitin carrier protein T, Ubiquitin-protein ligase T, UBE2T

Target/Specificity
UBE2T (AAH04152, 1 a.a. ~ 197 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000
IP~~N/A

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
UBE2T Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

UBE2T Antibody (monoclonal) (M01) - Protocols

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

- Western Blot
- Blocking Peptides

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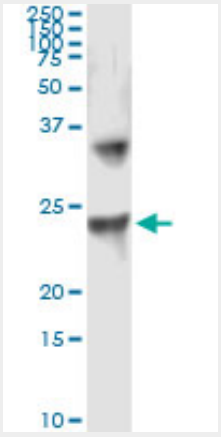
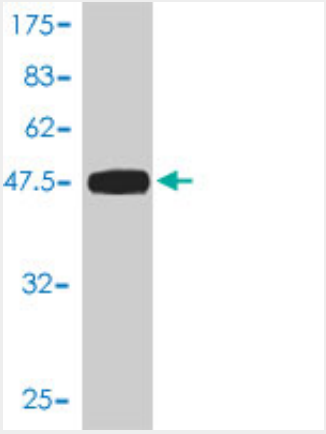
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

UBE2T Antibody (monoclonal) (M01) - Images



Immunoprecipitation of UBE2T transfected lysate using anti-UBE2T monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with UBE2T MaxPab rabbit polyclonal antibody.



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (47.41 KDa) .

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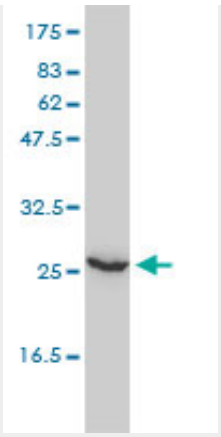

UBE2T monoclonal antibody (M01), clone 1E12-4A3 Western Blot analysis of UBE2T expression in Hela ((Cat # AT4444a)

UBE2T Antibody (monoclonal) (M01) - Background

The covalent conjugation of ubiquitin to proteins regulates diverse cellular pathways and proteins. Ubiquitin is transferred to a target protein through a concerted action of a ubiquitin-activating enzyme (E1), a ubiquitin-conjugating enzyme (E2), such as UBE2T, and a ubiquitin ligase (E3) (Machida et al., 2006 [PubMed 16916645]).

UBE2T Antibody (monoclonal) (M01) - References

1.Hypoxia disrupts the Fanconi anemia pathway and sensitizes cells to chemotherapy through regulation of UBE2T.Ramaekers CH, van den Beucken T, Meng A, Kassam S, Thoms J, Bristow RG, Wouters BG.Radiother Oncol. 2011 Jun 29. [Epub ahead of print]