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

## Product Information

| | |
|---|---|
| **Application** | WB, IP |
| **Primary Accession** | Q9NPD8 |
| **Other Accession** | BC004152 |
| **Reactivity** | Human |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG2b kappa |
| **Clone Names** | 1E12-4A3 |
| **Calculated MW** | 22521 |

## 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. |

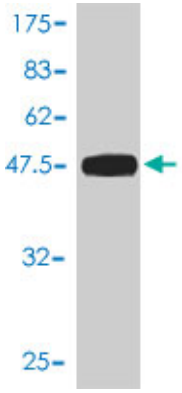
## Background

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]).

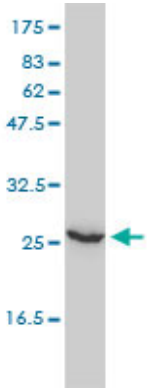
## References

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

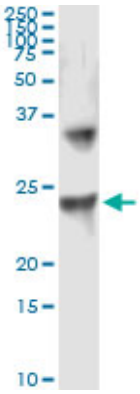
## Images




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




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




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

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