

**UBE2M Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a full length recombinant UBE2M.****Catalog # AT4440a****Specification**

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**UBE2M Antibody (monoclonal) (M01) - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | IF, WB, E                |
| Primary Accession | <a href="#">P61081</a>   |
| Other Accession   | <a href="#">BC058924</a> |
| Reactivity        | Human                    |
| Host              | mouse                    |
| Clonality         | Monoclonal               |
| Isotype           | IgG1 kappa               |
| Calculated MW     | 20900                    |

**UBE2M Antibody (monoclonal) (M01) - Additional Information****Gene ID** 9040**Other Names**NEDD8-conjugating enzyme Ubc12, 632-, NEDD8 carrier protein, NEDD8 protein ligase,  
Ubiquitin-conjugating enzyme E2 M, UBE2M, UBC12**Target/Specificity**

UBE2M (AAH58924, 1 a.a. ~ 183 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**

UBE2M Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

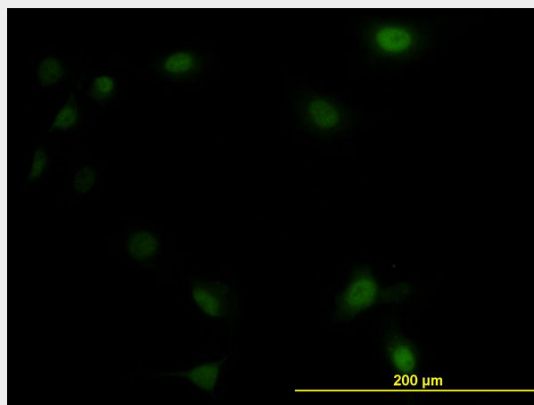
**UBE2M Antibody (monoclonal) (M01) - Protocols**

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

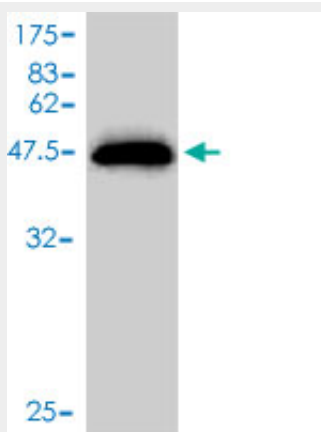
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

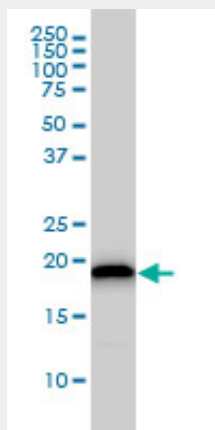
### UBE2M Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to UBE2M on HeLa cell. [antibody concentration 10 ug/ml]

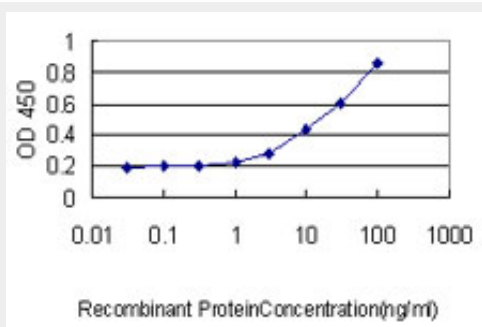


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.87 KDa) .



UBE2M monoclonal antibody (M01), clone 3C4 Western Blot analysis of UBE2M expression in

Jurkat ( (Cat # AT4440a )



Detection limit for recombinant GST tagged UBE2M is approximately 0.1ng/ml as a capture antibody.

### UBE2M Antibody (monoclonal) (M01) - Background

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein is linked with a ubiquitin-like protein, NEDD8, which can be conjugated to cellular proteins, such as Cdc53/culin.

### UBE2M Antibody (monoclonal) (M01) - References

1.Application of an integrated physical and functional screening approach to identify inhibitors of the Wnt pathway.Miller BW, Lau G, Grouios C, Mollica E, Barrios-Rodiles M, Liu Y, Datti A, Morris Q, Wrana JL, Attisano L.Molecular Systems Biology 5; Article number 315; doi:10.1038 /msb.2009.72