

UBE2M Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant UBE2M.

Catalog # AT4440a

Product Information

Application	WB, IF, E
Primary Accession	P61081
Other Accession	BC058924
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	3C4
Calculated MW	20900

Additional Information

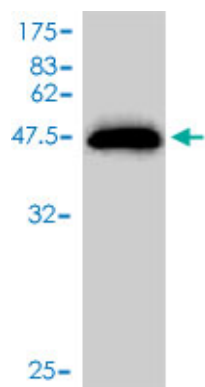
Gene ID	9040
Other Names	NEDD8-conjugating enzyme Ubc12, 632-, NEDD8 carrier protein, NEDD8 protein ligase, Ubiquitin-conjugating enzyme E2 M, UBE2M, UBC12
Target/Specificity	UBE2M (AAH58924, 1 a.a. ~ 183 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~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	UBE2M Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

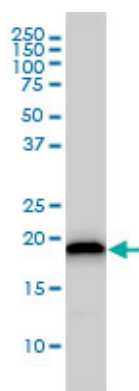
The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein 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.

References

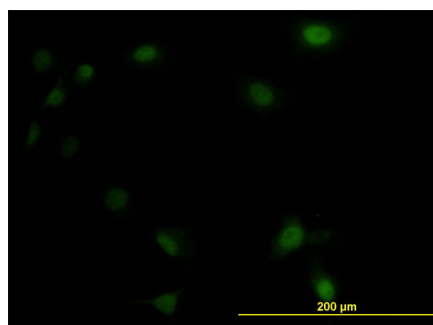
Images



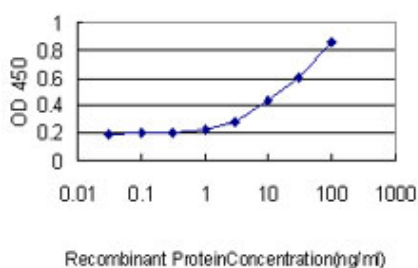
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (45.87 KDa) .



UBE2M monoclonal antibody (M01), clone 3C4 Western Blot analysis of UBE2M expression in Jurkat ((Cat # AT4440a)



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



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