

Product datasheet for TA503770

UBE2M Mouse Monoclonal Antibody [Clone ID: OTI2D9]

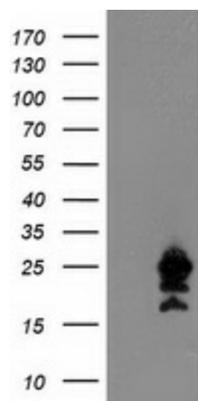
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2D9
Applications:	IF, WB
Recommend Dilution:	WB 1:500~2000, IF 1:100
Reactivity:	Human, Monkey, Mouse, Dog
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human UBE2M(NP_003960) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.69 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	20.7 kDa
Gene Name:	ubiquitin conjugating enzyme E2 M
Database Link:	NP_003960 Entrez Gene 22192 MouseEntrez Gene 484221 DogEntrez Gene 712206 MonkeyEntrez Gene 9040 Human
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. [provided by RefSeq]
Synonyms:	hUbc12; UBC-RS2; UBC12
Protein Pathways:	Ubiquitin mediated proteolysis

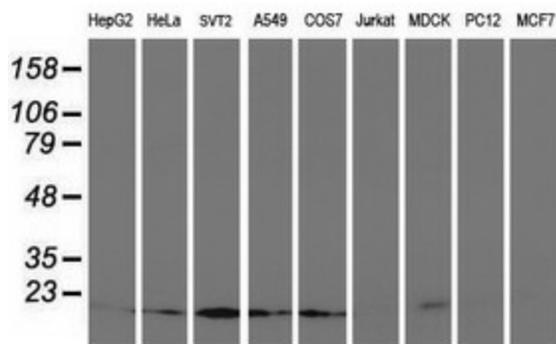


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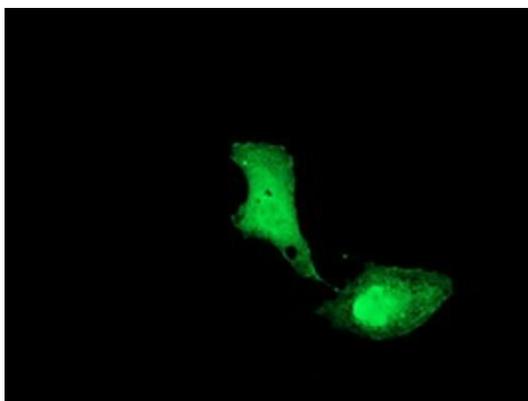
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY UBE2M ([RC208946], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-UBE2M. Positive lysates [LY418316] (100ug) and [LC418316] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-UBE2M monoclonal antibody.



Anti-UBE2M mouse monoclonal antibody (TA503770) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY UBE2M ([RC208946]).