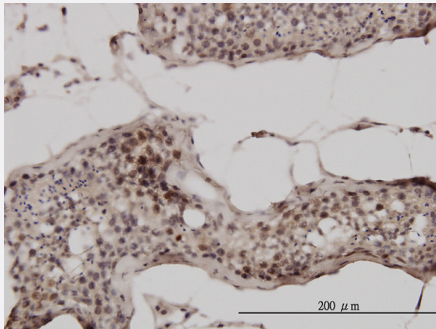


# UBB monoclonal antibody (M01), clone 1F5

Catalog # H00007314-M01

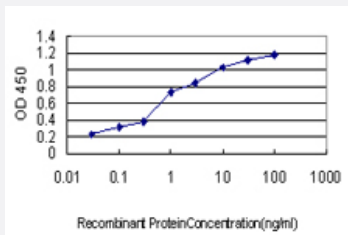
Size 100 ug

## Applications



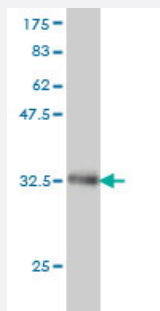
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to UBB on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBB is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (34.1 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant UBB.

<b>Immunogen</b>	UBB (AAH09301, 1 a.a. ~ 76 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MQIFVKLTGTGKTTITLEVEPSDTIENVKAKIQDKEGIPPDQQRLIFAGKQLEDGRTLSDYNIQKESTLHLVLRLRGG
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.1 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to UBB on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBB is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — UBB

**Entrez GeneID** [7314](#)

**GeneBank Accession#** [BC009301](#)

Protein Accession#	<a href="#">AAH09301</a>
Gene Name	UBB
Gene Alias	FLJ25987, MGC8385
Gene Description	ubiquitin B
Omim ID	<a href="#">191339</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes ubiquitin, one of the most conserved proteins known. Ubiquitin is required for ATP-dependent, nonlysosomal intracellular protein degradation of abnormal proteins and normal proteins with a rapid turnover. Ubiquitin is covalently bound to proteins to be degraded, and presumably labels these proteins for degradation. Ubiquitin also binds to histone H2A in actively transcribed regions but does not cause histone H2A degradation, suggesting that ubiquitin is also involved in regulation of gene expression. This gene consists of three direct repeats of the ubiquitin coding sequence with no spacer sequence. Consequently, the protein is expressed as a polyubiquitin precursor with a final amino acid after the last repeat. Aberrant form of this protein has been noticed in patients with Alzheimer's and Down syndrome. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000064960 OTTHUMP00000064961 polyubiquitin B