
Product Name: Ubiquitin (1B8) Mouse Monoclonal Antibody**Catalog #: AMM00659**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Refer to figures

Antigen Information

Gene Name	UBB
Alternative Names	FLJ25987; MGC8385; ubiquitin B; Ubiquitin; UBCEP1; UBCEP2; RPS27A
Gene ID	7314
SwissProt ID	P0CG47
Immunogen	A synthetic peptide of human Ubiquitin

Background

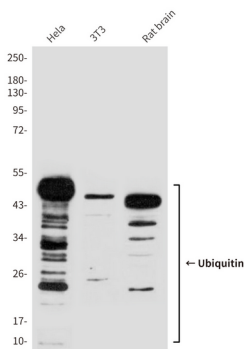
Plays an important role in the ubiquitin-proteasome pathway. Ubiquitin can be covalently linked to many cellular proteins by the ubiquitination process, which targets proteins for degradation by the 26S proteasome. Three components are involved in

the target protein-ubiquitin conjugation process. Ubiquitin is first activated by forming a thiolester complex with the activation component E1; the activated ubiquitin is subsequently transferred to the ubiquitin-carrier protein E2, then from E2 to ubiquitin ligase E3 for final delivery to the epsilon-NH2 of the target protein lysine residue.

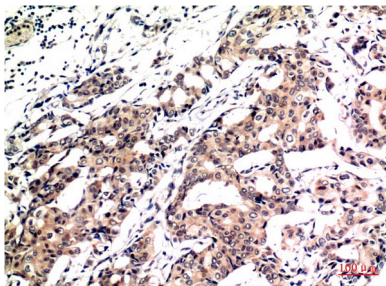
Research Area

Neuroscience

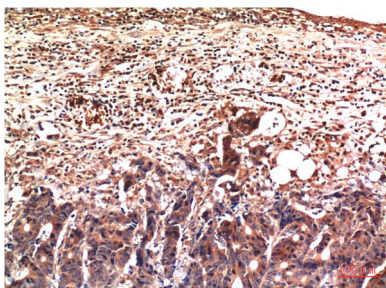
Image Data



Western blot analysis of Ubiquitin (1B8) in Hela lysates, 3T3 lysates, rat Brain lysates using Ubiquitin antibody.



Immunohistochemistry analysis of paraffin-embedded Human Breast Carcinoma Tissue using Ubiquitin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded Human Stomach Carcinoma Tissue using Ubiquitin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.