

## Immunotag™ p97 MAPK Antibody

Antibody Specification	
Catalog No.	ITA0477
Product Description	Immunotag™ p97 MAPK Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	p97 MAPK
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human p97 MAPK
Specificity	p97 MAPK Antibody detects endogenous levels of p97 MAPK
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	MAPK6
Accession No.	Q16659
Alternate Names	ERK-3; ERK3; Extracellular signal regulated kinase 3; Extracellular signal regulated kinase p97; Extracellular signal-regulated kinase 3; HsT17250; MAP kinase 6; MAP kinase isoform p97; MAPK 6; MAPK6; Mitogen activated protein kinase 6; Mitogen-activated protein kinase 6; MK06_HUMAN; p97 MAPK; p97-MAPK; PRKM6; Protein kinase mitogen activated 5; Protein kinase mitogen activated 6;

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Description	Atypical MAPK protein. Phosphorylates microtubule-associated protein 2 (MAP2) and MAPKAPK5. The precise role of the complex formed with MAPKAPK5 is still unclear, but the complex follows a complex set of phosphorylation events: upon interaction with atypical MAPKAPK5, ERK3/MAPK6 is phosphorylated at Ser-189 and then mediates phosphorylation and activation of MAPKAPK5, which in turn phosphorylates ERK3/MAPK6. May promote entry in the cell cycle (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	85kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.