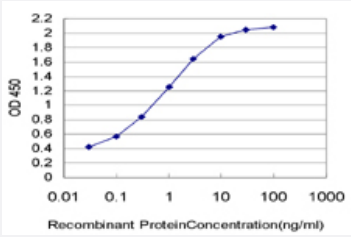
UPK1B monoclonal antibody (M02), clone 1E1

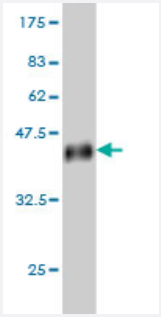
Catalog # H00007348-M02 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UPK1B is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant UPK1B.
Immunogen	UPK1B (NP_008883, 131 a.a. ~ 228 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NNSPPNNDDQWKNNGVTKTWDRLMLQDNCCGVNGPSDWQKYTSAFRTENNDADYPWPRQCCVMNNLKEPLNLEACKLGVPGFYHNQGCYELISGPMNR
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (90); Rat (86)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged UPK1B is approximately 0.03ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — UPK1B

Entrez GeneID	7348
GeneBank Accession#	NM_006952
Protein Accession#	NP_008883
Gene Name	UPK1B
Gene Alias	TSPAN20, UPIB, UPK1
Gene Description	uroplakin 1B
Omim ID	602380
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known a s the tetraspanin family. Most of these members are cell-surface proteins that are characterized b y the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded prot ein is found in the asymmetrical unit membrane (AUM) where it can form a complex with other tran smembrane 4 superfamily proteins. It may play a role in normal bladder epithelial physiology, pos sibly in regulating membrane permeability of superficial umbrella cells or in stabilizing the apical membrane through AUM/cytoskeletal interactions. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq
Other Designations	tetraspan