

## Anti-FKBP38 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

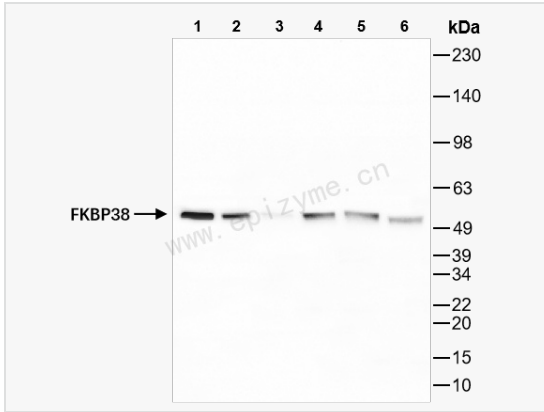
Catalog # R015677

### Product Information

Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	17S92M95
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human FKBP38
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-FKBP38 Rabbit mAb [17S92M95] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	38 kDa FK506-binding protein; 38 kDa FKBP; 38kDa; FK506 binding protein 8; FK506 binding protein 8, 38kDa; FK506 binding protein, 38kDa; FK506-binding protein 8; FKBP 38; FKBP-38; FKBP-8; Fkbp8; FKBP8_HUMAN; FKBP38; hFKBP38; Peptidyl-prolyl cis-trans isomerase FKBP8; PPIase FKBP8; Rotamase; Sam11.
Calculated MW	Calculated MW: 45 kDa; Observed MW: 52 kDa
Uniprot ID	Q14318
Gene ID	23770
Background	The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. Unlike the other members of the family, this encoded protein does not seem to have PPIase/rotamase activity. It may have a role in neurons associated with memory function. [provided by RefSeq, Jul 2008]
Cellular Location	Mitochondrion membrane.
Tissue Location	Widely expressed. Highest levels seen in the brain.



Western Blot - Anti-FKBP38 Rabbit mAb [17S92M95]

All lanes: R015677 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: 293T (Human embryonic kidney cell) whole cell lysates

Lane 5: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lane 6: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates

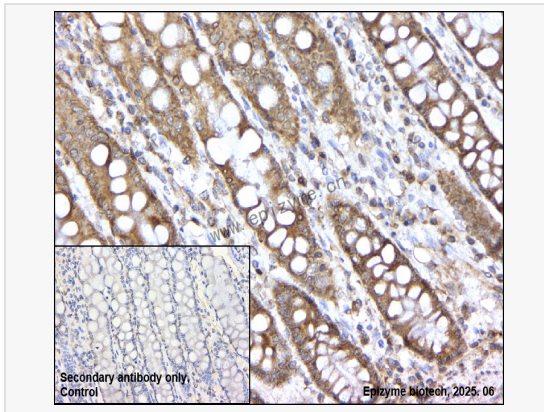
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 45 kDa

Observed band size: 52 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-FKBP38 Rabbit mAb [17S92M95]

Sample: Paraformaldehyde-fixed, paraffin embedded human colonic cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015677 at 1:200 dilution

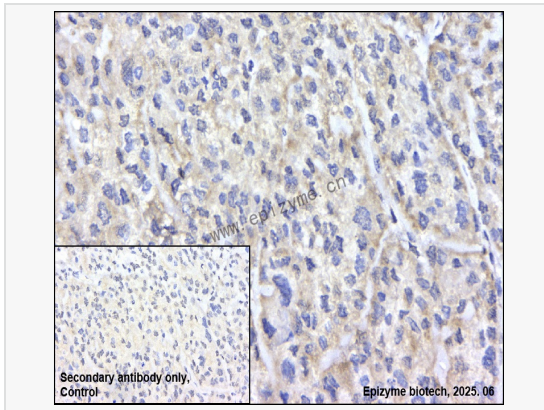
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-FKBP38 Rabbit mAb [17S92M95]

Sample: Paraformaldehyde-fixed, paraffin embedded human ovarian cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015677 at 1:200 dilution

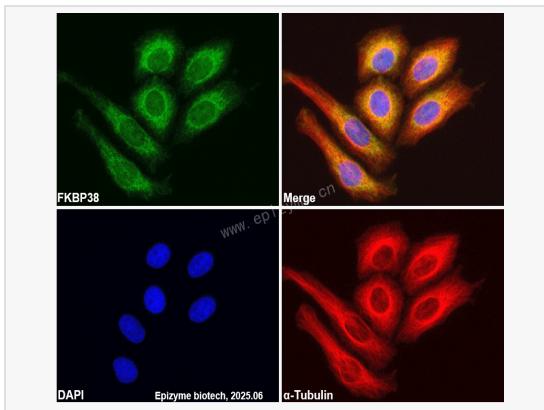
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunofluorescence - Anti-FKBP38 Rabbit mAb [17S92M95]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R015677 at 1:100 dilution and  $\alpha$ -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (CY3) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).