# Anti-Caspase 8 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R010942

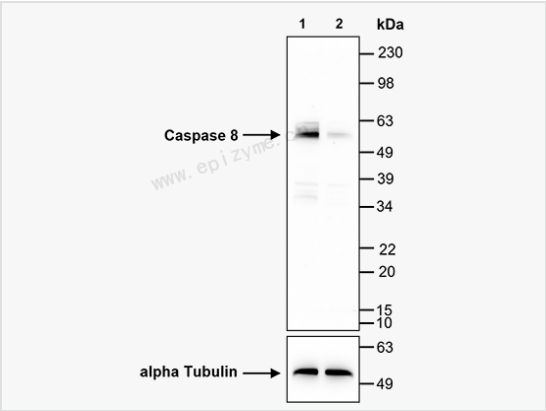
## Product Information

| | |
|---|---|
| Application | WB, ELISA |
| Reactivity | Human |
| Dilution | WB 1:500~1:1,000 |
| Host | Rabbit |
| Clonality | Monoclonal |
| Clone No. | 67M96L84 |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthetic peptide of human Caspase-8 |
| Format | Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified. |
| 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-Caspase 8 antibody [67M96L84] is for research use only and not for use in diagnostic or therapeutic procedures. |

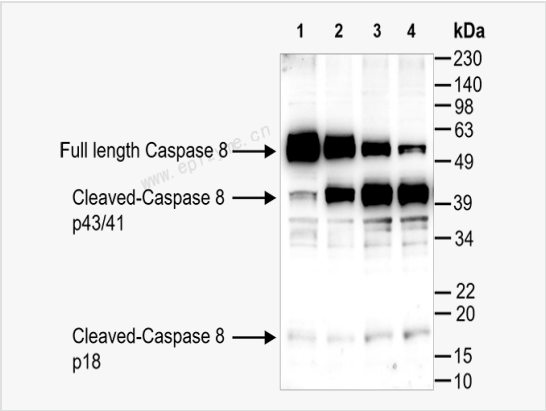
## Protein Information

| | |
|---|---|
| Synonyms | CASP8, MCH5, Caspase-8, CASP-8, Apoptotic cysteine protease, Apoptotic protease Mch-5, CAP4, FADD-homologous ICE/ced-3-like protease, FADD-like ICE, FLICE, ICE-like apoptotic protease 5, MORT1-associated ced-3 homolog, MACH. |
| Calculated MW | Calculated MW: 18, 43, 55 kDa; Observed MW: 18, 43, 55 kDa |
| Uniprot ID | Q14790 |
| Gene ID | 841 |
| Background | This gene encodes a protein that is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes composed of a prodomain, a large protease subunit, and a small protease subunit. |

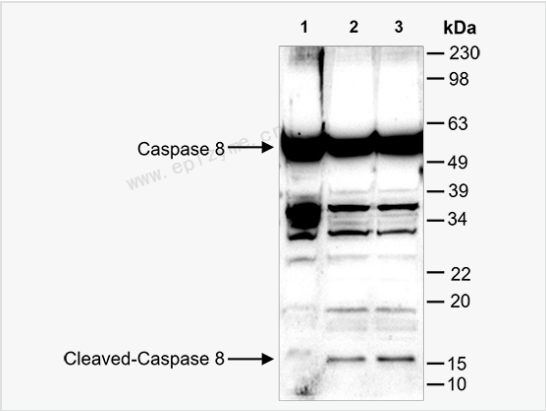
## Validation Images




Western Blot - Anti-Caspase 8 Rabbit mAb [67M96L84]
All lanes: R010942 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: Caspase 8 KD HeLa 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: 55 kDa
Observed band size: 55 kDa
Developed using the ECL technique (Cat. No. SQ201).




Western Blot - Anti-Caspase 8 Rabbit mAb [67M96L84]
All lanes: R010942 at 1:1,000 dilution
Lane 1: Jurkat (Human T-cell leukemia cell) whole cell lysates
Lane 2: Jurkat treated with 1 µM Staurosporine for 1 h whole cell lysates
Lane 3: Jurkat treated with 1 µM Staurosporine for 2 h whole cell lysates
Lane 4: Jurkat treated with 1 µM Staurosporine for 3 h whole cell lysates
Lysates/proteins at 20 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 55, 43, 18 kDa
Observed band size: 55, 43, 18 kDa
Developed using the ECL technique (Cat. No. SQ201).




Western Blot - Anti-Caspase 8 Rabbit mAb [67M96L84]
All lanes: R010942 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HeLa treated with 10ug/ml CHX for 24h, 100ng/ml hTNFa for 1h whole cell lysates
Lane 3: HeLa treated with 10ug/ml CHX for 24h, 100ng/ml hTNFa for 3h whole cell lysates
Lysates/proteins at 20 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 55, 18 kDa
Observed band size: 55, 18 kDa
Developed using the ECL technique (Cat. No. SQ201).