

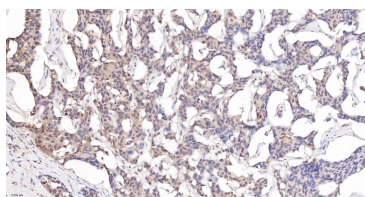
bsm-61423R**[Primary Antibody]****BioSS**
ANTIBODIES

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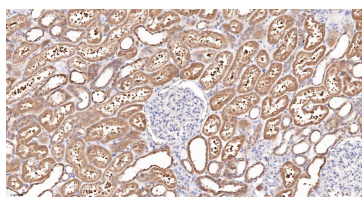
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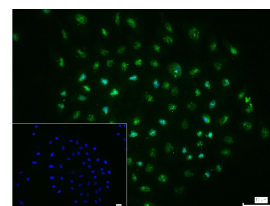
400-901-9800

XBP1 Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 10B8**GeneID:** 7494**SWISS:** P17861**Target:** XBP1**Immunogen:** A synthesized peptide derived from human XBP1: 120-160.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Functions as a transcription factor during endoplasmic reticulum (ER) stress by regulating the unfolded protein response (UPR). Required for cardiac myogenesis and hepatogenesis during embryonic development, and the development of secretory tissues such as exocrine pancreas and salivary gland.**Applications:** **IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**ICC/IF** (1:50-200)**Reactivity:** Human, Mouse, Rat**Predicted
MW.:** 29 kDa**Observed
MW.:** 29 kDa**Subcellular
Location:** Cell membrane ,Cytoplasm
Nucleus**VALIDATION IMAGES**

Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with XBP1 Monoclonal Antibody, Unconjugated (bsm-61423R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with XBP1 Monoclonal Antibody, Unconjugated (bsm-61423R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed A549 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (XBP1) monoclonal Antibody, unconjugated (bsm-61423R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-40295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.

SELECTED CITATIONS

- **[IF=8.3]** Jiawei Ling. et al. Dendrobium Polysaccharides Ameliorate Alcohol-Induced Liver Injury by Inhibiting the Pathogenic ER Stress-Sphingolipid Axis. PHYTOMEDICINE. 2026 Jan;;157863 WB ;Mouse. 41581446