

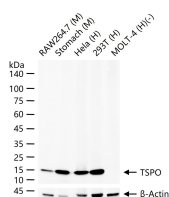
**bsm-61187R****[ Primary Antibody ]****Bioss**  
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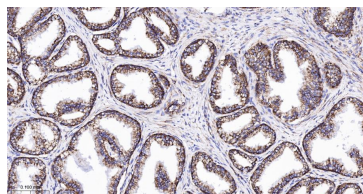
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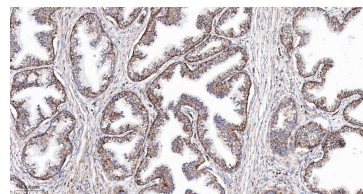
400-901-9800

**TSPO Recombinant Rabbit mAb****— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 12B8**GeneID:** 706**SWISS:** B1AH88**Target:** TSPO**Immunogen:** A synthesized peptide derived from human TSPO: 100-169.**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:** Can bind protoporphyrin IX and may play a role in the transport of porphyrins and heme. Promotes the transport of cholesterol across mitochondrial membranes and may play a role in lipid metabolism, but its precise physiological role is controversial. It is apparently not required for steroid hormone biosynthesis. Was initially identified as peripheral-type benzodiazepine receptor; can also bind isoquinoline carboxamides.**Applications:** **WB** (1:500-2000)  
**IHC-P** (1:100-500)  
**IHC-F** (1:100-500)  
**IF** (1:100-500)  
**ICC/IF** (1:50-200)  
**IP** (1:20-50)**Reactivity:** Human, Mouse**Predicted  
MW.:** 19**Subcellular  
Location:** Cytoplasm**— VALIDATION IMAGES —**

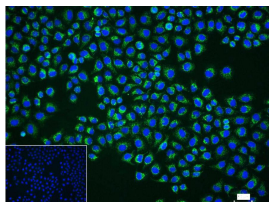
25 ug total protein per lane of various lysates (see on figure) probed with TSPO monoclonal antibody, unconjugated (bsm-61187R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Prostate; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TSPO Monoclonal Antibody, Unconjugated (bsm-61187R) 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 Prostate Tumor; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TSPO Monoclonal Antibody, Unconjugated (bsm-61187R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed HeLa (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (TSPO) monoclonal Antibody, unconjugated (bsm-61187R) 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.