

Anti-TSPO antibody (70-169) [S8MR] (STJ11102178)

STJ11102178

GENERAL INFORMATION

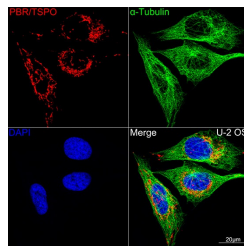
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

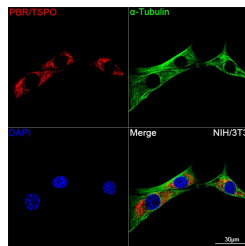
Clonality	Monoclonal
Clone ID	S8MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IHC-P:1:200-1:2000 IF/ICC:1:100-1:400 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

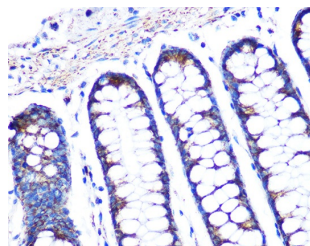
Gene ID	706
Gene Symbol	TSPO
Uniprot ID	TSPO_HUMAN
Immunogen	
Immunogen Region	70-169
Specificity	A synthetic peptide corresponding to a sequence within amino acids 70-169 of human PBR/TSPO (P30536).
Immunogen Sequence	ELGGFTEKAVVPLGLYTGQL ALNNAWPPIFFGARQMGWAL VDILLVSGAAAATTVAWYQV SPLAARLLYPYLAWLAFTTT LNYCVRDNRHGWGRRLPE



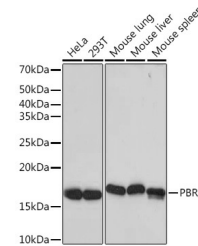
Confocal imaging of U-2 OS cells using PBR/TSPO Rabbit monoclonal antibody (STJ11102178, dilution 1:100) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Confocal imaging of NIH/3T3 cells using PBR/TSPO Rabbit monoclonal antibody (STJ11102178, dilution 1:100) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Immunohistochemistry analysis of PBR/TSPO in paraffin-embedded human colon using PBR/TSPO Rabbit monoclonal antibody (STJ11102178) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using PBR/TSPO Rabbit monoclonal antibody (STJ11102178) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJSD00856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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