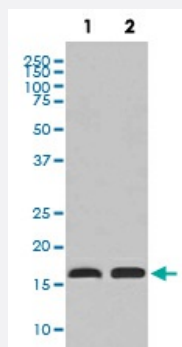


TSPO monoclonal antibody, clone DAG-20

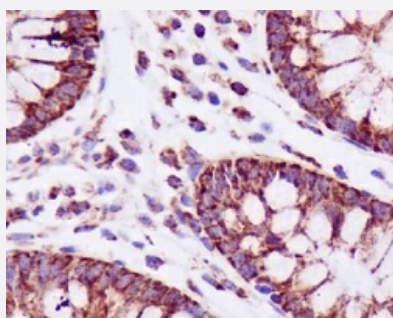
Catalog # MAB20299 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of (1) U87-MG cell lysate; (2) A431 cell lysate with TSPO monoclonal antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human colon with TSPO monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human TSPO.
Immunogen	A synthetic peptide corresponding to human TSPO.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG

Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:5000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of (1) U87-MG cell lysate; (2) A431 cell lysate with TSPO monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human colon with TSPO monoclonal antibody.

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

Gene Info — TSPO

Entrez GeneID	706
Protein Accession#	P30536
Gene Name	TSPO
Gene Alias	BZRP, DBI, IBP, MBR, PBR, PKBS, PTBR, mDRC, pk18

Gene Description	translocator protein (18kDa)
Omim ID	109610
Gene Ontology	Hyperlink
Gene Summary	Present mainly in the mitochondrial compartment of peripheral tissues, the protein encoded by this gene interacts with some benzodiazepines and has different affinities than its endogenous counterpart. The protein is a key factor in the flow of cholesterol into mitochondria to permit the initiation of steroid hormone synthesis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Other Designations	OTTHUMP00000028891 benzodiazepine peripheral binding site mitochondrial benzodiazepine receptor peripheral benzodiazepine receptor peripheral-type benzodiazepine receptor translocator protein

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Mood Disorders](#)
- [Panic Disorder](#)
- [Social Perception](#)
- [Urinary Bladder Neoplasms](#)