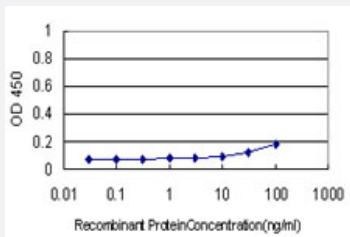


BZRP monoclonal antibody (M01), clone 3D8-B2

Catalog # H00000706-M01

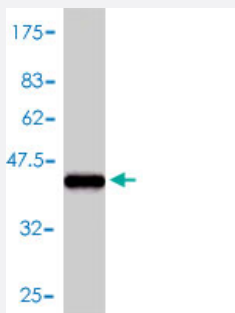
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BZRP is approximately 10ng/ml as a capture antibody.



Western Blot detection against Immunogen (44.33 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant BZRP .
Immunogen	BZRP (AAH01110.1, 1 a.a. ~ 169 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAPPWVPAMGFTLAPSLGCFVGSRFVHGEGLRWYAGLQKPSWHPHWVLGPVWGTLYSAMGYGSYLWVKELGGFTEKAVVPLGLYTGQLALNWAWPPIFFGARQMGWALVDLLLVSGAAAATTVAWYQVSPLAARLLYPYLAWLAFATTLNYCVWRDNHGWGHGGRRLPE
Host	Mouse
Reactivity	Human

Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (44.33 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BZRP is approximately 10ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TSPO

Entrez GeneID	706
GeneBank Accession#	BC001110
Protein Accession#	AAH01110.1
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](#)