

Anti-PBR TSPO Rabbit Monoclonal Antibody

Catalog Number: M01153

About TSPO

Activated by icilin, eucalyptol, menthol, cold and modulation of intracellular pH. Involved in menthol sensation. Permeable for monovalent cations sodium, potassium, and cesium and divalent cation calcium.

Overview

Product Name	Anti-PBR TSPO Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-PBR TSPO Rabbit Monoclonal Antibody catalog # M01153. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse.
Conjugate	FITC
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal DAG-20
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P30536

Technical Details

Immunogen	A synthesized peptide derived from human PBR
Predicted Reactive Species	Human, Primate
Cross Reactivity	Detects ~20kDa. Does not cross-react with alphaB-crystallin, betaL-crystallin, ̢H- crystallin, gamma-crystallin, HSP25, HSP27 or HSP47 proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:5000-1:10000

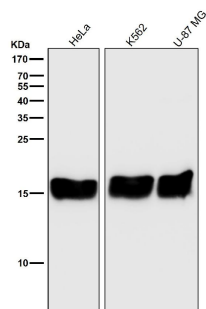
IHC 1:50-1:200

ICC/IF 1:50-1:200

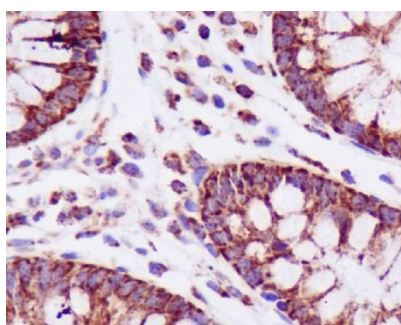
IP 1:50

FC 1:50

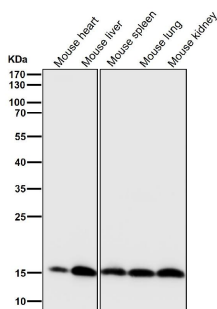
Anti-PBR TSPO Rabbit Monoclonal Antibody (M01153) Images



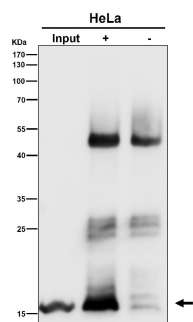
All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



Immunohistochemical analysis of paraffin-embedded human colon, using PBR Antibody .

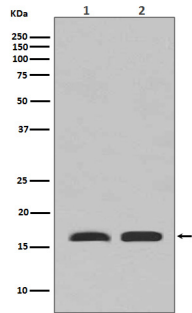


All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



Immunoprecipitate (IP) analysis using the Antibody at 1:50 dilution. (wb at 1:3K dilution)

Western blot analysis of Calreticulin expression in (1) U87-MG cell lysate; (2) A431 cell lysate.



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