

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human PBR in direct ELISAs. Detects human and mouse PBR in Western blots.
Source	Monoclonal Rabbit IgG Clone # 2393B
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Synthetic peptide containing human PBR Accession # P30536
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

PBR promotes the transport of cholesterol across mitochondrial membranes and may play a role in lipid metabolism. PBR is expressed at the highest levels under normal conditions in tissues that synthesize steroids. Aberrant expression of PBR has been linked to multiple diseases, including cancer, brain injury, neurodegeneration and ischemia-reperfusion injury.

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