



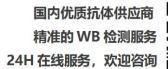
## PBR Monoclonal Antibody

Catalog No         BYmab-04062           Isotype         IgG           Reactivity         Human;Rat;Mouse;           Applications         WB           Gene Name         TSPO           Protein Name         Translocator protein           Immunogen         Synthesized peptide derived from PBR. at AA range: 90-170           Specificity         PBR Monoclonal Antibody detects endogenous levels of PBR protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         TSPO; BZRP; MBR; Translocator protein; Mitochondrial benzodiazepine receptor PKBS; Peripheral-type benzodiazepine receptor; PBR           Observed Band         20kD           Cell Pathway         Mitochondrion membrane; Multi-pass membrane protein           Tissue Specificity         Found in many tissue types. Expressed at the highest levels under normal conditions in tissues that synthesize steroids.           Function         protein transport, anio		
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process, intracellular transport, co	ofactor metabolic process, cofacto
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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. Alternatively spliced transcript variants have been reported; one of the **Background** 

variants lacks an internal exon and is considered non-coding, and the other variants encode the same protein. [provided by RefSeq, Feb 2012],

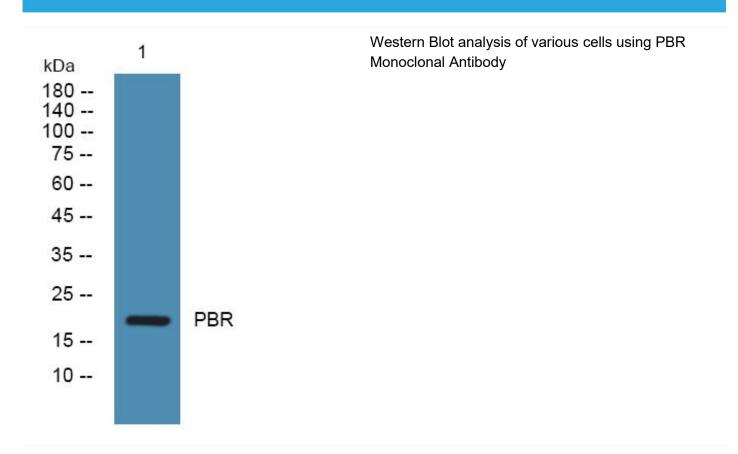
matters needing attention

Avoid repeated freezing and thawing!

**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



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