

DESCRIPTION

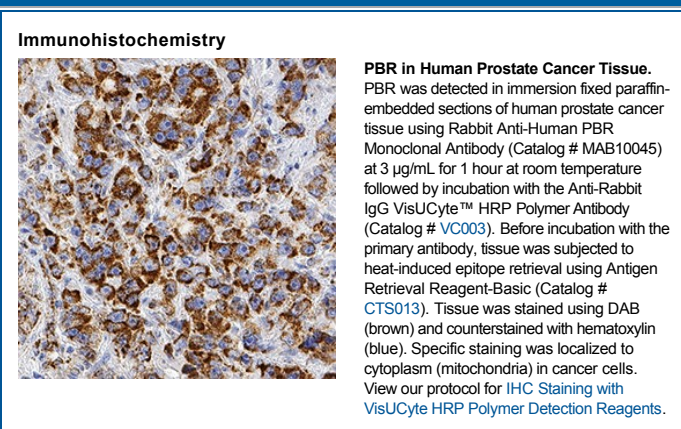
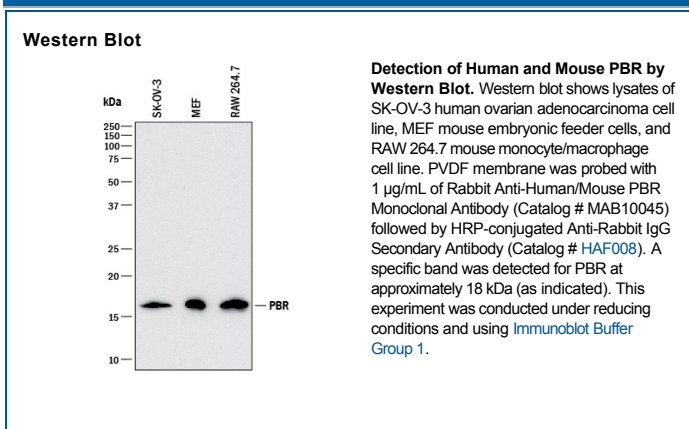
Species Reactivity	Human/Mouse
Specificity	Detects human PBR in direct ELISAs. Detects human and mouse PBR in Western blots.
Source	Recombinant Monoclonal Rabbit IgG Clone # 2393B
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Synthetic peptide containing human PBR Accession # P30536
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below
Immunohistochemistry	3-25 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.