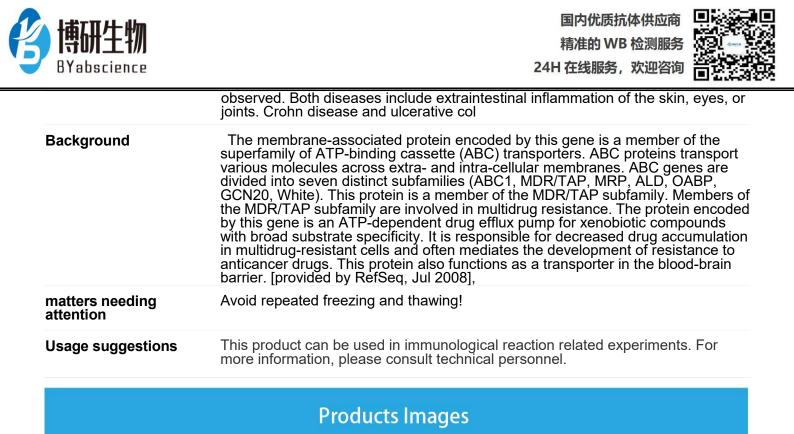




P-glycoprotein 1 Monoclonal Antibody

Catalog No	BYmab-04076
Isotype	lgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ABCB1
Protein Name	Multidrug resistance protein 1
Immunogen	The antiserum was produced against synthesized peptide derived from human P-glycoprotein 1. AA range:534-583
Specificity	P-glycoprotein 1 Monoclonal Antibody detects endogenous levels of P-glycoprotein 1 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	p-pg;ABCB1; MDR1; PGY1; Multidrug resistance protein 1; ATP-binding cassette sub-family B member 1; P-glycoprotein 1; CD antigen CD243
Observed Band	141kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Apical cell membrane .
Tissue Specificity	Expressed in liver, kidney, small intestine and brain.
Function	catalytic activity:ATP + H(2)O + xenobiotic(In) = ADP + phosphate + xenobiotic(Out).,disease:Genetic variations in ABCB1 are associated with susceptibility to inflammatory bowel disease type 13 (IBD13) [MIM:612244]. Inflammatory bowel disease is characterized by a chronic relapsing intestinal inflammation. It is subdivided into Crohn disease and ulcerative colitis phenotypes. Crohn disease may involve any part of the gastrointestinal tract, but most frequently the terminal ileum and colon. Bowel inflammation is transmural and discontinuous; it may contain granulomas or be associated with intestinal or perianal fistulas. In contrast, in ulcerative colitis, the inflammation is continuous

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