

Datasheet for ABIN7644171

anti-Permeability Glycoprotein antibody



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Overview

Quantity:	100 µL
Target:	Permeability Glycoprotein
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Permeability Glycoprotein antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Permeability Glycoprotein (Pgp)
Immunogen:	RPB690Hu02Recombinant Permeability Glycoprotein (Pgp)
Clone:	C2
Specificity:	The antibody is a mouse monoclonal antibody raised against Pgp. It has been selected for its ability to recognize Pgp in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	Permeability Glycoprotein
Abstract:	Permeability Glycoprotein Products

Target Details

Background: CD243, ABCB1, ABC20, CLCS, GP170, MDR1, PGY1, P-Glycoprotein, Multidrug resistance protein 1, ATP-Binding Cassette, Sub-Family B (MDR/TAP), Member 1, Colchicin Sensitivity

UniProt: [P08183](#)

Application Details

Application Notes: Western blotting: 0.2-2 µg/mL, 1:500-5000 Immunohistochemistry: 5-20 µg/mL, 1:50-200 Immunocytochemistry: 5-20 µg/mL, 1:50-200 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

Preservative: ProClin, Sodium azide

Precaution of Use: This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.