

Recombinant MRP3 (Multidrug Resistance-Associated Protein 3) Antibody

Mouse Monoclonal Antibody [Clone rDTX1]

Catalog No	Format	Size
8714-MSM5-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
8714-MSM5-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
8714-MSM5-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

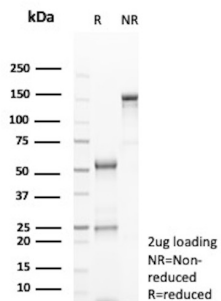
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

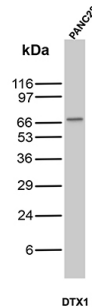
Clone	rDTX1
Immunogen	Recombinant fragment (around aa823-943) of the human Multidrug Resistance-Associated Protein 3 protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	169.34kDa
Cellular Localization	Basal cell membrane, Basolateral cell membrane
Species Reactivity	Human
Positive Control	Human bowel, pancreas or adrenal gland. PANC28.

*Optimal dilution for a specific application should be determined.

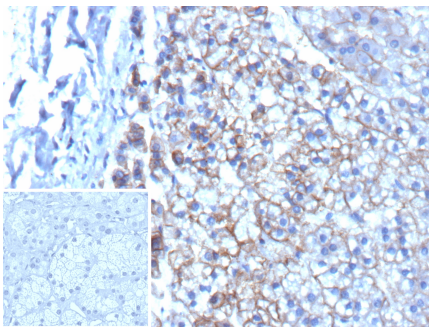
Product Images for Recombinant MRP3 (Multidrug Resistance-Associated Protein 3) Antibody



SDS-PAGE Analysis of Purified MRP3 Recombinant Mouse Monoclonal Antibody (rDTX1). Confirmation of Purity and Integrity of Antibody.



Western Blot Analysis of PANC28 cell lysate using VEGFA Recombinant Mouse Monoclonal Antibody (rDTX1).



Formalin-fixed, paraffin-embedded human adrenal gland stained with MRP3 Recombinant Mouse Monoclonal Antibody (rDTX1). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

The human multidrug resistance-associated protein (MRP) gene family contains at least 6 members designated MRP-1 to 6. MRP3 is a 190 to 200 kD integral membrane protein which is an organic anion transporter effective in transporting chemotherapeutic drugs such as MTX, etoposide and teniposide. Northern blotting of various human tissues has indicated MRP3 to be expressed in liver, colon, pancreas and at lower levels in the kidney. In liver, MRP3 is localized to the basolateral membrane of hepatocytes and is not associated with the canalicular membrane. MRP3 is also thought to play a role in bile production and secretion in the liver.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.