

RBP4 / Retinol Binding Protein 4 Antibody

Mouse Monoclonal Antibody [Clone RBP4/4052]

Catalog No	Format	Size
5950-MSM12-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
5950-MSM12-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
5950-MSM12-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	RBP4/4052
Immunogen	Recombinant fragment (around aa29-148) of human RBP4 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	23.01kDa
Cellular Localization	Secreted
Species Reactivity	Human
Positive Control	Detected in blood plasma and in urine (at protein level)

**Optimal dilution for a specific application should be determined.*

Product Images for RBP4 / Retinol Binding Protein 4 Antibody

Specificity & Comments

Retinol-binding protein that mediates retinol transport in blood plasma (PubMed:5541771). Delivers retinol from the liver stores to the peripheral tissues (Probable). Transfers the bound all-trans retinol to STRA6, that then facilitates retinol transport across the cell membrane (PubMed:22665496).

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. 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.

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.