Biotin (Vitamin B7 or Vitamin H) Antibody

Mouse Monoclonal Antibody [Clone BTN/36]

Catalog No	Format	Size
MSM4-36-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM4-36-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM4-36-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

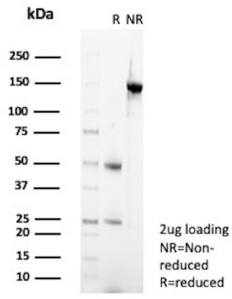
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

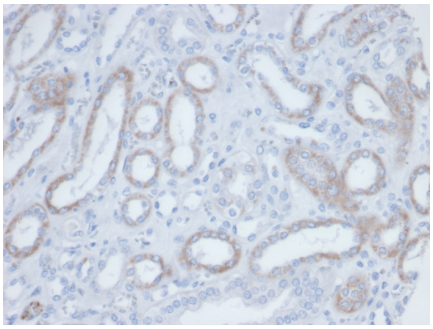
Clone	BTN/36
Gene Name	N/A
Immunogen	Biotinylated sheep immunoglobulin
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	244Da
Cellular Localization	N/A
Species Reactivity	All species
Positive Control	Biotinylated proteins in solution or on tissues.

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

Product Images for Biotin (Vitamin B7 or Vitamin H) Antibody



SDS-PAGE Analysis of Purified BTN Mouse Monoclonal Antibody (BTN/36). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human kidney. Endogenous biotin stained with Biotin Mouse Monoclonal Antibody (BTN/36).

Specificity & Comments

It recognizes both the free and protein-conjugated (either soluble or cell bound) form of biotin. This MAb is highly specific to biotin and shows no cross-reaction with other structurally related compounds. It has a very high affinity for biotin and is excellent for use in various amplification techniques. In some applications, localization of biotinylated probes with avidin produces unacceptably high background staining. Anti-biotin antibody may be substituted to decrease this noise.

Supplied As

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