Cytosolic 10-formyltetrahydrofolate dehydrogenase Antibody

Mouse Monoclonal Antibody [Clone ALDH1L1/14086]

Catalog No	Format	Size
10840-MSM12-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
10840-MSM12-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
10840-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	ALDH1L1/14086
Immunogen	Recombinant fragment (around aa 403-568) of human ALDH1L1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b
Mol. Weight of Antigen	98.83kDa
Cellular Localization	Cytoplasm, Cytosol
Species Reactivity	Human
Positive Control	Highly expressed in liver, pancreas and kidney

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

Product Images for Cytosolic 10-formyltetrahydrofolate dehydrogenase Antibody

Specificity & Comments

Cytosolic 10-formyltetrahydrofolate dehydrogenase that catalyzes the NADP(+)-dependent conversion of 10-formyltetrahydrofolate to tetrahydrofolate and carbon dioxide (PubMed:19933275, PubMed:21238436). May also have an NADP(+)-dependent aldehyde dehydrogenase activity towards formaldehyde, acetaldehyde, propionaldehyde, and benzaldehyde (By similarity).

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.