

Mitochondrial Marker Antibody

Mouse Monoclonal Antibody [Clone AE-1]

Catalog No	Format	Size
MSM5-905-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM5-905-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM5-905-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

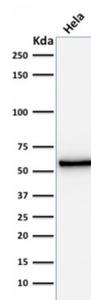
Applications	Tested Dillution	Note
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)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

Product Details

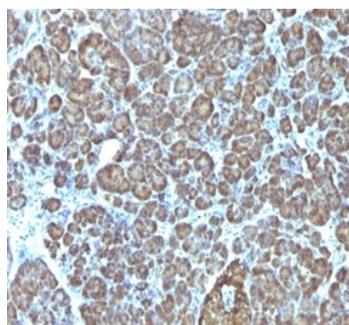
Clone	AE-1
Gene Name	N/A
Immunogen	Semi-purified mitochondrial preparation
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	60kDa
Cellular Localization	N/A
Species Reactivity	Human
Positive Control	HeLa or HepG2 cells. Hepatic carcinoma.

*Optimal dilution for a specific application should be determined.

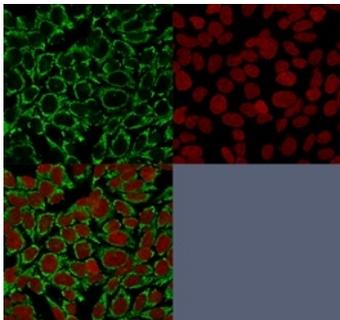
Product Images for Mitochondrial Marker Antibody



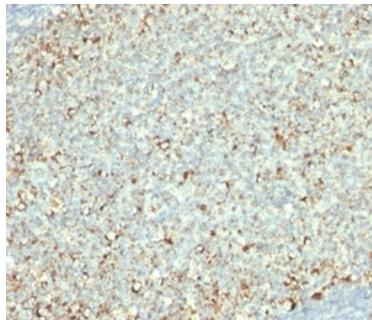
Western blot analysis of HeLa cell lysate using Mitochondria Mouse Monoclonal Antibody (AE-1).



Formalin-fixed, paraffin-embedded human pancreas stained with Mitochondria Mouse Monoclonal Antibody (AE-1).



Confocal immunofluorescence image of HeLa cells. Mitochondria Mouse Monoclonal Antibody (AE-1). Antibody labeled with CF488 (green). RedDot is used to label the nuclei red.



Formalin-fixed, paraffin-embedded human tonsil stained with Mitochondria Mouse Monoclonal Antibody (AE-1).

Specificity & Comments

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 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.
