Cathepsin D (Tumor Marker) Antibody

Mouse Monoclonal Antibody [Clone CTSD/17417]

Catalog No	Format	Size
1509-MSM13-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1509-MSM13-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1509-MSM13-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

Product Details

Clone	CTSD/17417
Immunogen	Recombinant human CTSD protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG
Mol. Weight of Antigen	44.55kDa
Cellular Localization	Extracellular space, Lysosome, Melanosome, Secreted
Species Reactivity	Human
Positive Control	Expressed in the aorta extracellular space (at protein level) (PubMed:20551380)

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

Product Images for Cathepsin D (Tumor Marker) Antibody

Specificity & Comments

Acid protease active in intracellular protein breakdown. Plays a role in APP processing following cleavage and activation by ADAM30 which leads to APP degradation (PubMed:27333034). Involved in the pathogenesis of several diseases such as breast cancer and possibly Alzheimer disease.

Supplied As

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