Anti-Cathepsin D Antibody [CTSD/2781] (A248304)

Specifications:

Name:	Anti-Cathepsin D Antibody [CTSD/2781]
Description:	Mouse monoclonal [CTSD/2781] antibody to Cathepsin D.
Applications:	WB, IHC-P
Recommended Dilutions:	WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 104-250, of human Cathepsin D protein. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	CTSD/2781
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Cathepsin D Antibody [CTSD/2781] - BSA and Azide free (A251486).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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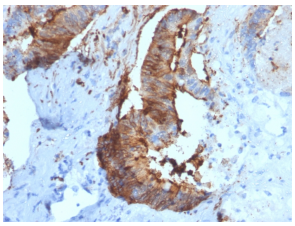
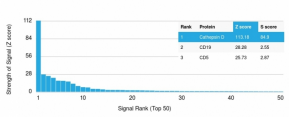
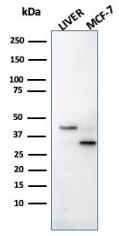
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human renal cell carcinoma using Anti-Cathepsin D Antibody [CTSD/2781].



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-Cathepsin D Antibody [CTSD/2781]. Z-Score and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target; a MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



SDS-PAGE analysis of Anti-Cathepsin D Antibody [CTSD/2781] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.

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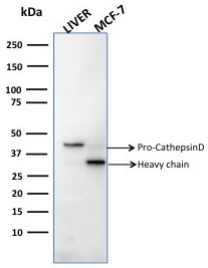
Images continued:



Western blot analysis of human liver tissue and MCF-7 cell lysates using Anti-Cathepsin D Antibody [CTSD/2781].