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Datasheet for ABIN731847

anti-Cathepsin G antibody (AA 41-120) (Cy5)

Overview

Quantity:	100 µL
Target:	Cathepsin G (CTSG)
Binding Specificity:	AA 41-120
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin G antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cathepsin G
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Cathepsin G (CTSG)
Alternative Name:	Cathepsin G (CTSG Products)

Target Details

Background:	Synonyms: Cathepsin G, CG, Cathepsin G precursor, CathepsinG, CTSG, CTSG protein, MGC23078, CATG_HUMAN. Background: Cathepsin G is a serine protease, it consisting of a single polypeptide with a molecular weight of 30 kDa as determined by SDS-PAGE. Its substrates are collagen and proteoglycans. Poor regulation of Cathepsin G levels has been associated with various connective tissue disorders, for example pulmonary emphysema and cystic fibrosis.
Gene ID:	1511
Pathways:	ACE Inhibitor Pathway , Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months