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Anti-Cystatin C Antibody (10B12)

Mouse Monoclonal Antibody
Catalog # ABV12110

Product Information

Application	E
Primary Accession	P01034
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1, κ
Clone Names	10B12
Calculated MW	15799

Additional Information

Gene ID	1471
Positive Control	ELISA
Other Names	Cystatin-3, Cst3
Target/Specificity	Cystatin-C
Antibody Form	Liquid
Appearance	Colorless liquid
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Anti-Cystatin C Antibody (10B12) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CST3
Function	As an inhibitor of cysteine proteinases, this protein is thought to serve an important physiological role as a local regulator of this enzyme activity.
Cellular Location	Secreted.
Tissue Location	Expressed in submandibular and sublingual saliva but not in parotid saliva (at protein level). Expressed in various body fluids, such as the cerebrospinal fluid and plasma. Expressed in highest levels in the epididymis, vas deferens, brain, thymus, and ovary and the lowest in the submandibular gland

Background

As an inhibitor of cysteine proteinases, this protein is thought to serve an important physiological role as a local regulator of this enzyme activity. Cystatin C is known to inhibit Cathepsin B, H, and L.

Images

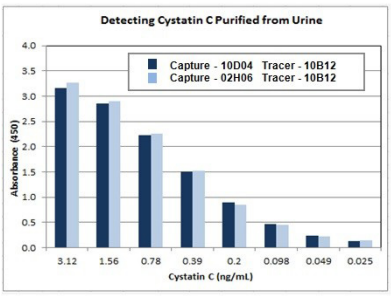

Fig A: A sandwich ELISA wa& performed using 02H06 or 03A03 a& capture and 10B12-biotin a& tracer Cy&tatin C purified from human urine was spiked into sample diluent and serially diluted from 3.12 ng/ml to 0.025 ng/m