Cystatin A Monoclonal Antibody

Catalog No	BYmab-04353
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CSTA STF1 STFA
Protein Name	Cystatin-A (Cystatin-AS) (Stefin-A)
Immunogen	Synthetic peptide from human protein at AA range: 60-98
Specificity	The antibody detects endogenous Cystatin A
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Cystatin-A (Cystatin-AS;Stefin-A)
Observed Band	11kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Expressed in the skin throughout the epidermis.
Function	function:This is an intracellular thiol proteinase inhibitor.,similarity:Belongs to the cystatin family.,
Background	The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins, and kininogens. This gene encodes a stefin that functions as a cysteine protease inhibitor, forming tight complexes with papain and the cathepsins B, H, and L. The protein is one of the precursor proteins of cornified cell envelope in keratinocytes and plays a role in epidermal development and maintenance. Stefins have been proposed as prognostic and diagnostic tools for cancer.

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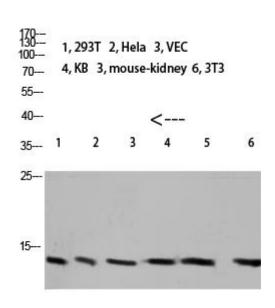[provided by RefSeq, Jul 2008],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using Cystatin A Monoclonal Antibody