

Recombinant Cystatin A Monoclonal Antibody

catalog number: **AN301505L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

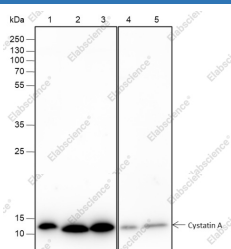
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human Cystatin-A
Host	Rabbit
Isotype	Rabbit IgG
Clone	C131128
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:1000-1:5000
FCM	1:20-1:100

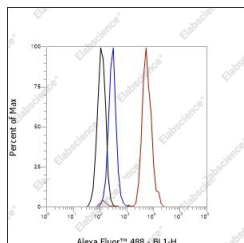
Data



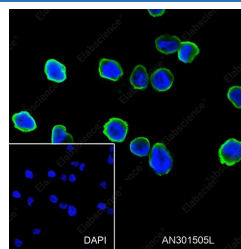
Western Blot with Cystatin A Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: THP-1, Lane 3: A431, Lane 4: K562, Lane 5: NIH-3T3

Observed-MW:14 kDa

Calculated-MW:11 kDa



Flow cytometric analysis of human Cystatin A expression on NIH/3T3 cells. Cells were stained with purified anti-Human Cystatin A, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed THP-1 cells using anti-Cystatin A Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.4

This is an intracellular thiol proteinase inhibitor. Has an important role in desmosome-mediated cell-cell adhesion in the lower levels of the epidermis.