

Recombinant Cathepsin A/CTSA Monoclonal Antibody

catalog number: AN300340P

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

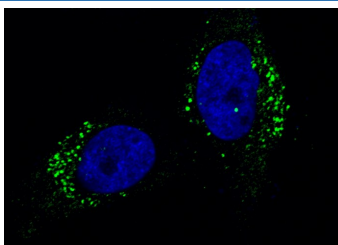
Description

Reactivity	Human
Immunogen	Recombinant Human Cathepsin A/CTSA protein
Host	Rabbit
Isotype	IgG
Clone	B262
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications Recommended Dilution

ICC/IF	1:20-1:100
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Data



Immunofluorescence analysis of Human CTSA in Hela cells.

Cells were fixed with 4% PFA, permeabilized with 0.3%

Triton X-100 in PBS, blocked with 10% serum, and

incubated with rabbit anti-Human CTSA monoclonal

antibody (1:60) at 4°C overnight. Then cells were stained

with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG

secondary antibody (green) and counterstained with DAPI

(blue). Positive staining was localized to cytoplasm.

Preparation & Storage

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

Background

This gene encodes a member of the peptidase S10 family of serine carboxypeptidases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate two chains that comprise the heterodimeric active enzyme. This enzyme possesses deamidase, esterase and carboxypeptidase activities and acts as a scaffold in the lysosomal multienzyme complex. Mutations in this gene are associated with galactosialidosis.

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