

Recombinant S100A6/Calcyclin/CACY Monoclonal Antibody

catalog number: AN300494P

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

Description

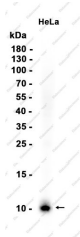
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Mouse S100A6 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110204
Purification	Affinity Purification
Buffer	0.2 µm filtered solution in PBS

Applications

Recommended Dilution

WB	1:1000-1:10000
IHC-P	1:100-1:200
ICC/IF	1:200-1:500
FC	1:20-1:50
IP	1:20-1:50

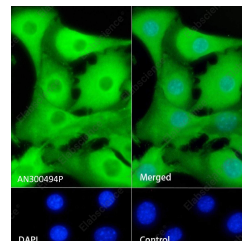
Data



Western blot analysis of extracts from HeLa cells at 1:1000.

Observed-MW: 10 kDa

Calculated-MW: 10 kDa



Immunofluorescence analysis of 3T3 cells labelling S100A6. Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.

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

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in stimulation of Ca²⁺-dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma. [provided by RefSeq, Jul 2008]

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