

Recombinant S100A13 Monoclonal Antibody

catalog number: AN301650L

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

Description

Reactivity	Human
Immunogen	A synthetic peptide of human S100 Calcium Binding Protein A13
Host	Rabbit
Isotype	Rabbit IgG
Clone	C311273
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:1000-1:5000
IHC-P	1:200-1:500
ICC/IF	1:100-1:200
IP	1:10-1:100
FCM	1:10-1:100

Preparation & Storage

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

Background

Plays a role in the export of proteins that lack a signal peptide and are secreted by an alternative pathway. Binds two calcium ions per subunit. Binds one copper ion. Binding of one copper ion does not interfere with calcium binding. Required for the copper-dependent stress-induced export of IL1A and FGF1. The calcium-free protein binds to lipid vesicles containing phosphatidylserine, but not to vesicles containing phosphatidylcholine.

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