

Recombinant S100A13 Monoclonal Antibody

catalog number: **AN301650L**

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

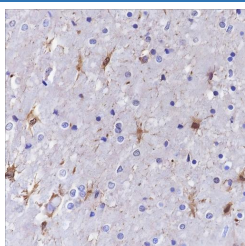
Description

Reactivity	Human;
Immunogen	Recombinant human S100A13 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A353
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

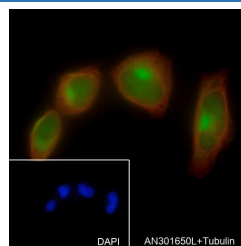
Applications Recommended Dilution

IHC	1:50-1:100
IF	1:50
FCM	1:50-1:100

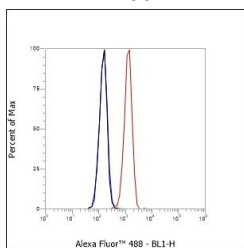
Data



Immunohistochemistry of paraffin-embedded Human cerebrium using S100A13 Monoclonal Antibody at dilution of 1:100.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed U-2 OS cells using anti-S100A13 Monoclonal Antibody at dilution of 1:50.



Flow cytometric analysis of human S100A13 expression on HUVEC cells. Cells were stained with purified anti-Human S100A13, 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.

Preparation & Storage

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

Background

For Research Use Only

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.