Recombinant Thrombomodulin Monoclonal Antibody

catalog number: **AN301740L**

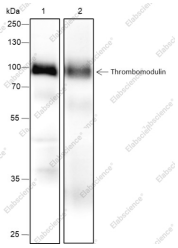
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant human Thrombomodulin fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C371362
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000-1:5000
IF	1:50

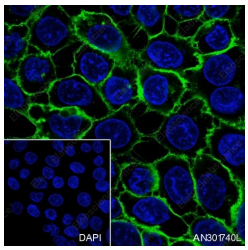
Data



Western Blot with Thrombomodulin Monoclonal Antibody at dilution of 1:5000. Lane 1: THP-1,Lane 2: Human placenta

Observed-MW:90 kDa

Calculated-MW:60 kDa



Immunofluorescent analysis of (100% Ice-cold methanol) fixed A431 cells using anti-Thrombomodulin 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

Thrombomodulin is a specific endothelial cell receptor that forms a 1:1 stoichiometric complex with thrombin. This complex is responsible for the conversion of protein C to the activated protein C (protein Ca). Once evolved, protein Ca scissions the activated cofactors of the coagulation mechanism, factor Va and factor VIIIa, and thereby reduces the amount of thrombin generated.

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