# Recombinant Thrombomodulin Monoclonal Antibody

**catalog number:** **AN301740L**

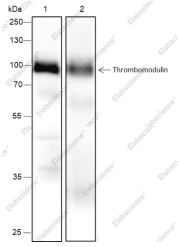
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human |
| **Immunogen** | Recombinant human Thrombomodulin fragment |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Clone** | C371362 |
| **Purification** | Protein A purified |
| **Buffer** | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

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

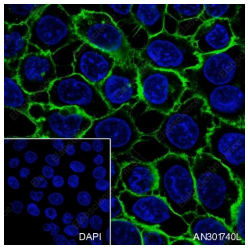
## Data




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

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|---|---|
| **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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