

## Anti-THBS1 Antibody (7G574)

## Product Details

Ig Type:	mIgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7G574
Purification:	Affinity-chromatography

## Applications

Verified Activity:	Overlay Peak curve showing PC-3 cells stained with TMAH-01169 (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10 <sup>6</sup> cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG (H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was mouse IgG (1ug/1*10 <sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.
Application:	ELISA, FCM
Recommended	FCM:1:50-1:200.

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human THBS1 Protein
Antigen Species:	Human
Gene ID:	7057
Uniprot ID:	P07996
Synonyms:	TSP1;Thrombospondin-1;TSP;THBS1
Biology Area:	Neuroscience, Cancer, Cardiovascular, Metabolism, Stem cells

## Research Background

Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Binds heparin. May play a role in dentinogenesis and/or maintenance of dentin and dental pulp. Ligand for CD36 mediating antiangiogenic properties. Plays a role in ER stress response, via its interaction with the activating transcription factor 6 alpha (ATF6) which produces adaptive ER stress response factors.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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