

Anti-Prostaglandin E synthase 3 Antibody (1M527)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 19 kDa. Actual: 22 kDa.
Clone:	1M527
Purification:	Protein A purified

Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with Prostaglandin E synthase 3 monoclonal antibody, unconjugated (TMAB-11794) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,ICC/IF,IP
Recommended	WB: 1:500-2000; ICC/IF: 1:50-200; IP: 1:20-50

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human Prostaglandin E synthase 3
Antigen Species:	Human
Gene ID:	10728
Uniprot ID:	Q15185

Research Background

Cytosolic prostaglandin synthase that catalyzes the oxidoreduction of prostaglandin endoperoxide H₂ (PGH₂) to prostaglandin E₂ (PGE₂).Molecular chaperone that localizes to genomic response elements in a hormone-dependent manner and disrupts receptor-mediated transcriptional activation, by promoting disassembly of transcriptional regulatory complexes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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