

## Anti-TPP1 Monoclonal Antibody

### Product Details

Molecular Weight: 150 kDa

### Properties

### Antigen Details

Synonyms: Cell growth-inhibiting gene 1 protein;Tripeptidyl-peptidase I;Tripeptidyl aminopeptidase; Tripeptidyl-peptidase 1;Lysosomal pepstatin-insensitive protease

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## Anti-TPP1 Monoclonal Antibody

## Product Details

Ig Type:	Rabbit monoclonal IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	150 kDa
Purification:	Protein A Affinity Purified

## Applications

Verified Activity:	Flow cytometry analysis of TPP1 overexpressed 489F cells with TMAZ-0259, followed by goat anti-rabbit IgG-ABflo 647 (red line). The isotype control is rabbit IgG (black line).
Application:	ELISA,FCM
Recommended	0.1-0.2 µg/10E6 cells for FCM; 1 ng/µl for ELISA

## Properties

Purity:	> 95% as determined by SDS-PAGE.
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:	TPP1
Antigen Species:	Human
Gene ID:	1200
Uniprot ID:	O14773
Synonyms:	Cell growth-inhibiting gene 1 protein;Tripeptidyl-peptidase I;Tripeptidyl aminopeptidase; Tripeptidyl-peptidase 1;Lysosomal pepstatin-insensitive protease
Biology Area:	Other Functions

## Research Background

Lysosomal serine protease with tripeptidyl-peptidase I activity (PubMed: 11054422, PubMed: 19038966, PubMed: 19038967). May act as a non-specific lysosomal peptidase which generates tripeptides from the breakdown products produced by lysosomal proteinases (PubMed: 11054422, PubMed: 19038966, PubMed: 19038967). Requires substrates with an unsubstituted N-terminus (PubMed: 19038966)

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