

Product datasheet for **TA504523AM**

Carboxypeptidase A (CPA1) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1C1]

Product data:

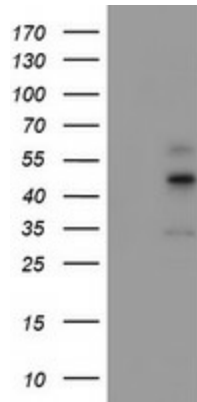
Product Type:	Primary Antibodies
Clone Name:	OTI1C1
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CPA1(NP_001859) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45.5 kDa
Gene Name:	carboxypeptidase A1
Database Link:	NP_001859 Entrez Gene 1357 Human P15085
Background:	Three different forms of human pancreatic procarboxypeptidase A have been isolated. This gene encodes a monomeric pancreatic exopeptidase involved in zymogen inhibition. [provided by RefSeq]. COMPLETENESS: complete on the 3' end.
Synonyms:	CPA



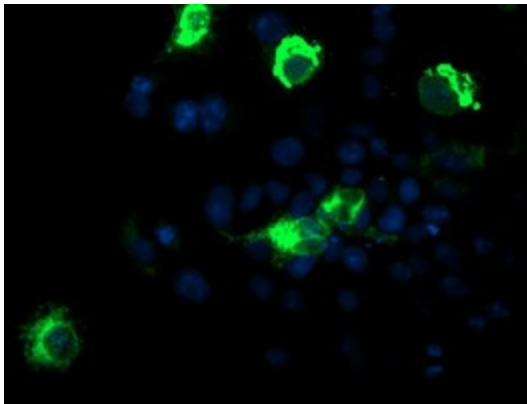
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Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Protease, Secreted Protein

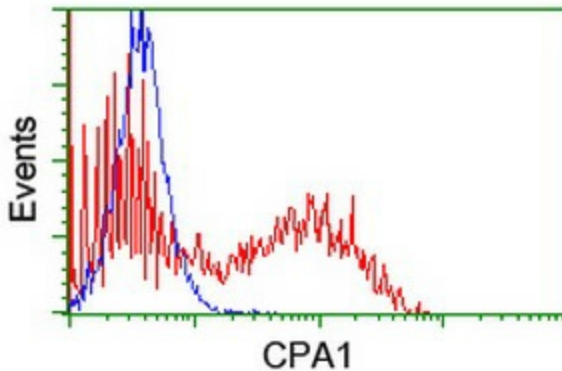
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CPA1 ([RC202720], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CPA1. Positive lysates [LY419696] (100ug) and [LC419696] (20ug) can be purchased separately from OriGene.



Anti-CPA1 mouse monoclonal antibody ([TA504523]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CPA1 ([RC202720]).



HEK293T cells transfected with either [RC202720] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-CPA1 antibody ([TA504523]), and then analyzed by flow cytometry.