

## Anti-Carboxypeptidase A (CPA1) Mouse Monoclonal Antibody [Clone ID: OTI2E3]

Catalog Number: M05985-1

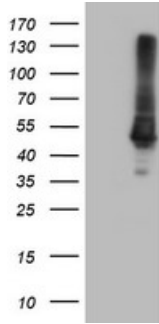
### Overview

Product Name	Anti-Carboxypeptidase A (CPA1) Mouse Monoclonal Antibody [Clone ID: OTI2E3]
Reactive Species	Human
Description	Boster Bio CPA1 (Carboxypeptidase A1) mouse monoclonal antibody, clone OTI2E3 (formerly 2E3). Catalog# M05985-1. Tested in FC, IF, IHC, WB. This antibody reacts with Human.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI2E3
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	P15085

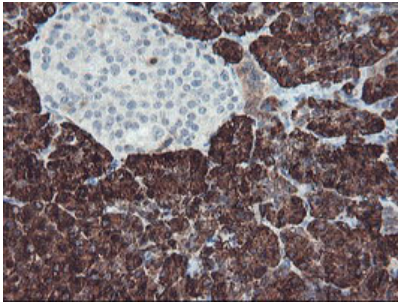
### Technical Details

Immunogen	Full length human recombinant protein of human CPA1 (NP_001859) produced in HEK293T cell.
Isotype	IgG2a
Concentration	0.88 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB: 1:2000 IHC: 1:150 IF: 1:100 Flow cytometry: 1:100

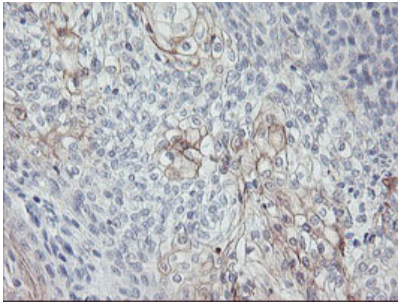
## Anti-Carboxypeptidase A (CPA1) Mouse Monoclonal Antibody [Clone ID: OTI2E3] (M05985-1) Images



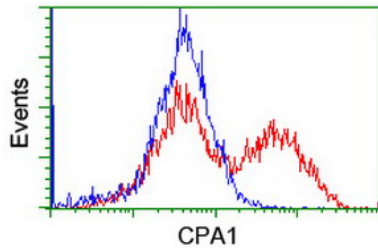
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CPA1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CPA1.



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-CPA1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

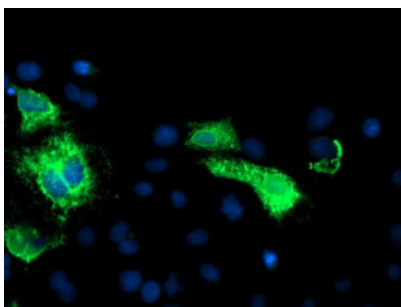


Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-CPA1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



HEK293T cells transfected with either CPA1 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-CPA1 antibody (M05985-1)

Anti-CPA1 mouse monoclonal antibody (M05985-1) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CPA1.



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Anti-Carboxypeptidase A (CPA1) Mouse Monoclonal Antibody [Clone ID: OT12E3]

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