

Anti-Glutamate carboxypeptidase 2 Antibody (50895)

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	50895
Purification:	Affinity-chromatography

Applications

Verified Activity:	Western blot analysis of PSMA expression in LnCaP cell lysate.
Application:	ICC/IF,IHC,IHC-Fr,IP,WB
Recommended	ICC/IF: 1:50-1:200; IHC: 1:100-1:200; IHC-Fr: 1:50-1:200; IP: 1:20-1:50; WB: 1:1000-1:2000

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:	A synthesized peptide: human Glutamate carboxypeptidase 2
Synonyms:	PSM;PSMA;NAALADase I;GCPII;GCP 2;FGCP;mGCP;FOLH 1

Research Background

Has both folate hydrolase and N-acetylated-alpha-linked-acidic dipeptidase (NAALADase) activity. Has a preference for tri-alpha-glutamate peptides. In the intestine, required for the uptake of folate. In the brain, modulates excitatory neurotransmission through the hydrolysis of the neuropeptide, N-aceylaspartylglutamate (NAAG), thereby releasing glutamate. Involved in prostate tumor progression.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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