

PPBP monoclonal antibody, clone 5C7

Catalog # MAB1315

Size 200 ug

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant PPBP.
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Immunogen	Recombinant protein corresponding to full length human PPBP.
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Host	Mouse
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Reactivity	Human
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Form	Lyophilized
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Purification	Protein A purification
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Isotype	IgG1, kappa
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Quality Control Testing	Antibody Reactive Against Recombinant Protein.
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Recommend Usage	ELISA (1:10000) The optimal working dilution should be determined by the end user.
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Storage Buffer	Lyophilized from PBS
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Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with 0.2 mL of deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
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Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PPBP

Entrez GeneID	5473
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Gene Name	PPBP
Gene Alias	B-TG1, Beta-TG, CTAP-III, CTAP3, CTAPIII, CXCL7, LA-PF4, LDGF, MDGF, NAP-2, PBP, SCYB7, TC1, TC2, TGB, TGB1, THBGB, THBGB1
Gene Description	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)
Omim ID	121010
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a platelet-derived growth factor that belongs to the CXC chemokine family. This growth factor is a potent chemoattractant and activator of neutrophils. It has been shown to stimulate various cellular processes including DNA synthesis, mitosis, glycolysis, intracellular cAMP accumulation, prostaglandin E2 secretion, and synthesis of hyaluronic acid and sulfated glycosaminoglycan. It also stimulates the formation and secretion of plasminogen activator by synovial cells. [provided by RefSeq]
Other Designations	CXC chemokine ligand 7 beta-thromboglobulin connective tissue-activating peptide III leukocyte-derived growth factor low-affinity platelet factor IV macrophage-derived growth factor neutrophil-activating peptide 2 neutrophil-activating peptide-2 platelet

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Respiratory Syncytial Virus Infections](#)