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Product datasheet for PM1210P

CXCL7 (PPBP) Mouse Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	**Sandwich ELISA**: This antibody can be used at a concentration of 2-4 µg/ml, as a capture antibody in in combination with antigen affinity purified anti-human NAP-2 (Cat.-No PP1056B) as the detection antibody at a concentration of approximately 0.5-1.0 µg/ml. **Western Blot:** To detect hNAP-2 this antibody can be used at a concentration of 0.5-1.0 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hNAP-2 is 0.5-1.0 ng/lane, under reducing or non-reducing conditions.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	*E.coli* derived Recombinant Human NAP-2 (CXCL7).
Specificity:	Recognises Human NAP-2. Other species not tested.
Formulation:	PBS without preservatives State: Azide Free State: Lyophilized (sterile filtered) purified Ig fraction from Cell Culture
Reconstitution Method:	Restore in sterile water to a concentration of 1.0 mg/ml.
Concentration:	1.0 mg/ml (after reconstitution)
Purification:	Ammonium Sulfate co-Precipitation
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	pro-platelet basic protein

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Database Link: Entrez Gene 5473 Human
P02775

Background: NAP2 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 sythesis of hyaluronic acid and sulfated glycosaminoglycan. It also stimulates the formation and secretion of plasminogen activator by synovial cells.

Synonyms: CTAP3, SCYB7, TGB1, THBGB1