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NeutraKine® TNF-alpha Mouse McAb

Catalog Number:69002-1-lg 2 Publications

Antibodies | ELISA kits | Proteins www.ptglab.com

Catalog Number: 69002-1-1g Size: 100ug Source: Mouse Isotype: IgG1 Immunogen Catalog Number: HZ-1014	GeneID (NC 7124 ENSEMBL Ge ENSG00000 Full Name: tumor necro	BI): ene ID: 0232810 osis factor (TNF	Purification Me Protein G purifi CloneNo.: 11H8A5	
Tested Applications: Neutralization, ELISA Cited Applications: Neutralization		Positive Controls: Neutralization : L-929 cells, ELISA : Recombinant protein,		
Species Specificity: human, mouse				
tumor necrosis factor (TNF) superf TNF-alpha converting enzyme (TA circulation. It is produced chiefly I such as CD4+ lymphocytes, NK cel functions through its receptors TN of a wide spectrum of biological p and coagulation. This cytokine ha resistance, and cancer.	Family. It is expro ACE) to release the by activated mark Ils, neutrophils, r FRSF1A/TNFR1 a processes includi s been implicate	essed as a 26 kDa merr he soluble 17 kDa mon crophages, although it mast cells, eosinophils, and TNFRSF1B/TNFBR. ing cell proliferation, d ed in a variety of disea:	nbrane bound prote tomer, which forms can be produced by , and neurons. It car This cytokine is inv ifferentiation, apop	in and is then cleaved by homotrimers in many other cell types bind to, and thus olved in the regulation tosis, lipid metabolism,
Author	Pubmed ID	Journal		Application
Yi Luo	39000167	Int J Mol Sci		
Guanzhan Liang	38423357	Cell Mol Gastroente	erol Hepatol	Neutralization
reconstitution we recommend that	t the solution ca	n be stored at (4°C) for	short term or at (-20	
	69002-1-1g Size: 100ug Source: Mouse Isotype: IgG1 Immunogen Catalog Number: HZ-1014 Tested Applications: Neutralization, ELISA Cited Applications: Neutralization Species Specificity: human, mouse TNF, as also known as TNF-alpha, tumor necrosis factor (TNF) supert TNF-alpha converting enzyme (TA circulation. It is produced chiefly functions through its receptors TN of a wide spectrum of biological p and coagulation. This cytokine ha resistance, and cancer. This antibody can be used to neut Author Yi Luo Guanzhan Liang Storage: Lyophilized antibodies are stable reconstitution we recommend tha term. Repeated freeze thaw cycles	69002-1-lgGenelD (NCSize:7124100ugENSEMBLGSource:ENSG00000MouseFull Name:Isotype:tumor necroIgG1superfamilyImmunogen Catalog Number:HZ-1014Tested Applications:Neutralization, ELISACited Applications:NeutralizationSpecies Specificity:human, mouseTNF, as also known as TNF-alpha, or cachectin, is a tumor necrosis factor (TNF) superfamily. It is exprTNF-alpha converting enzyme (TACE) to release to circulation. It is produced chiefly by activated ma such as CD4+ lymphocytes, NK cells, neutrophils, if functions through its receptors TNFRSF 1A/TNFRA i of a wide spectrum of biological processes includi and coagulation. This cytokine has been implicator resistance, and cancer.This antibody can be used to neutralize the bioaction of a wide spectrum of biological group and and cancer.This antibody can be used to neutralize the bioaction of a wide spectrum of biological processes includi and coagulation. This cytokine has been implicator resistance, and cancer.This antibody can be used to neutralize the bioaction of a superfamily of a wide spectrum of biological processes includi and coagulation. This cytokine has been implicator resistance, and cancer.This antibody can be used to neutralize the bioaction of a superfamily of a sup	69002-1-lg GeneID (NCBI): Size: 7124 100ug ENSEMBL Gene ID: Source: ENSG0000232810 Mouse Full Name: Isotype: tumor necrosis factor (TNF IgG1 superfamily, member 2) Immunogen Catalog Number: HZ-1014 Tested Applications: Positive Co Neutralization ELISA : Rec Species Specificity: human, mouse TNF, as also known as TNF-alpha, or cachectin, is a multifunctional proin tumor necrosis factor (TNF) superfamily. It is expressed as a 26 kDa men TNF-alpha converting enzyme (TACE) to release the soluble 17 kDa mor circulation. It is produced chiefly by activated macrophages, although it such as CD4+ lymphocytes, NK cells, neutrophils, mast cells, eosinophils functions. through its receptors TNFRS 14/TINFR1 and TNFSF14/TNFRS of a wide spectrum of biological processes including cell proliferation, d and coagulation. This cytokine has been implicated in a variety of disear resistance, and cancer. This antibody can be used to neutralize the bioactivity of TNF alpha. Author Pubmed ID Journal Yi Luo 39000167 Int J Mol Sci Guanzhan Liang	69002-1-Ig GeneID (NCBI): Protein G purifi Size: 7124 CloneNo: 100ug ENSEMBL Gene ID: 11HBA5 Source: ENSG00000232810 Mouse Mouse Full Name: Isotype: tumor necrosis factor (TNF IgG1 superfamily, member 2) Immunogen Catalog Number: HZ-1014 Tested Applications: Neutralization, ELISA Neutralization : L-929 cells, Cited Applications: Recombinant protein, Neutralization Species Specificity: human, mouse TNF, as also known as TNF-alpha, or cachectin, is a multifunctional proinflammatory cytokit TMF-alpha converting enzyme (TACE) to release the soluble 17 kDa monomer, which forms circulation. It is produced chiefly by activated macrophages, although it can be produced by such as CD4+ lymphocytes, NK cells, neutrophils, mast cells, eosinophils, and neurons. It car functions through its receptors TNF RSF1A/TNFR1 and TNFR5F1B/TNFRR. This cytokine is inv of a wide spectrum of biological processes including cell proliferation, differentiation, apop and coaguiation. This cytokine has been implicated in a variety of diseases, including autoi resistance, and cancer. This antibody can be used to neutralize the bioactivity of TNF alpha. Author Pubmed ID Journal Yi Luo 39000167 Int J Mol Sci

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data





Recombinant human TNF alpha (Cat.NO. HZ-1014) inhibits the growth of L-929 cell line in the presence of actinomycin D in a dose dependent manner (blue curve, refer to bottom X-left Y). The activity elicited by recombinant human TNF alpha (0.05 ng/mL HZ-1014) is neutralized by mouse antihuman TNF alpha monoclonal antibody 69002-1-Ig at serial dose (red curve, refer to top X-right Y). The ND50 is typically 10-50 ng/mL. The NeutraControl mouse antiIndirect ELISA was carried out by coating recombinant Human TNF Alpha (Cat.NO. HZ-1014) at 70 ng/well followed by blocking and adding serial diluted TNF Alpha antibody 69002-1-Ig and 69502-1-Ig respectively. Signal was developed with TMB and stopped by H2SO4. Signal strength was measured by absorbance at 450 nm.