

Goat anti-MAST3 Antibody

Item Number	dAP-2966
Target Molecule	Principle Name: MAST3; Official Symbol: MAST3; All Names and Symbols: MAST3; microtubule associated serine/threonine kinase 3; KIAA0561; Accession Number (s): NP_055831.1; Human Gene ID(s): 23031; Non-Human GenelD(s): 546071 (mouse) 688540 (rat)
Immunogen	DSFKKKQEAQVEVS, is from internal region (near C-terminus)
Applications	Pep ELISA, WB Species Tested: Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 150kDa band observed in Rat Kidney lysates (calculated MW of 143kDa according to NP_055831.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Labb�� C, Goyette P, Lefebvre C, Stevens C, Green T, Tello-Ruiz MK, Cao Z, Landry AL, Stempak J, Annese V, Latiano A, Brant SR, Duerr RH, Taylor KD, Cho JH, Steinhart AH, Daly MJ, Silverberg MS, Xavier RJ, Rioux JD MAST3: a novel IBD risk factor that modulates TLR4 signaling. Genes Im-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**