

Goat anti-p47phox (mouse) Antibody

Item Number	dAP-2785
Target Molecule	Principle Name: p47phox (mouse); Official Symbol: Ncf1; All Names and Symbols: Ncf1; neutrophil cytosolic factor 1; NOXO2; Ncf-1; p47<phox>; p47phox; 47 kDa neutrophil oxidase factor; NADPH oxidase subunit (47 kD); NADPH oxidase subunit (47kDa); NCF-47K; OTTMUSP00000022112; neutrophil NADPH oxidase factor 1; neutrophil cytosol facto; Accession Number (s): NP_035006.3; Human Gene ID(s): 653361; Non-Human GeneID(s): 17969 (mouse) 114553 (rat)
Immunogen	DEAEDPDPNYAGEP, is from internal region
Applications	Pep ELISA, WB Species Tested: Mouse
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 2000.
Western Blot	Western Blot: Approx 40kDa band observed in Mouse Thymus lysates (calculated MW of 44.7kDa according to NP_035006.3). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Roos D, Kuhns DB, Maddalena A, Bustamante J, Kannengiesser C, de Boer M, van Leeuwen K, K��tjker MY, Wolach B, Roesler J, Malech HL, Holland SM, Gallin JI, Stasia MJ, Hematologically important mutations: the autosomal recessive forms of chronic granulomatous disease (second update).

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 ender users! This product is sold for **Research Use Only**