ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-CD68 Antibody

Item Number	dAP-3254
Target Molecule	Principle Name: CD68; Official Symbol: CD68; All Names and Symbols: CD68; CD68 molecule; GP110; LAMP4; SCARD1; CD68 antigen; macrophage antigen CD68; macrosialin; scavenger receptor class D, member 1; Accession Number (s): NP_001242.2; NP_001035148.1; Human Gene ID(s): 968; Non-Human GeneID(s):
Immunogen	PNKTKVQGSCEGAH, is from internal region This antibody is expected to recognize both reported isoforms (NP_001242.2; NP_001035148.1).
Applications	Pep ELISA, WB Species Tested: Human
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; Reconsititute 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 128000.
Western Blot	Western Blot: Approx 110kDa band observed in lysates of cell line U937 (calculated MW of 37.4kDa according to NP_001242.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Cho KH, Cheong JS, Kim JH, Abe H, Murakami G, Cho BH. Site-specific distribution of CD68 -positive microglial cells in the brains of human midterm fetuses: a topographical relationship with growing axons. BioMed research international 2013 2013 : 762303..PMID: 24459672->

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

Angio-Proteomie | 11 Park Drive, Suite 12 Boston, MA 02215, USA | Tel: 001-617-549-2665 | Fax: 001-480-247-4337 | Email: angioproteomie@gmail.com