ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-CD14 Antibody

Item Number	dAP-0796
Target Molecule	Principle Name: CD14; Official Symbol: CD14; All Names and Symbols: CD14; CD14 antigen ; HGNC:1628; Accession Number (s): NP_000582.1; Human Gene ID(s): 929; Non-Human GeneID(s):
Immunogen	KRVDADADPRQYAD, is from internal region
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 55kDa band observed in Human Lymph Node lysates (calculated MW of 40.1kDa according to NP_000582.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Funda et al, Infect Immun. 20
IHC	
Reference	Reference(s): Iwaki D, Nishitani C, Mitsuzawa H, Hyakushima N, Sano H, Kuroki Y. The CD14 region spanning amino acids 57-64 is critical for interaction with the extracellular Toll-like receptor 2 domain. Biochem Biophys Res Commun. 2005 Mar 4;328(1):173-6. .PMID: 15670766 ->

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