



Goat anti-G-CSF receptor Antibody

Item Number	dAP-2714
Target Molecule	Principle Name: G-CSF receptor; Official Symbol: CSF3R; All Names and Symbols: CSF3R; colony stimulating factor 3 receptor (granulocyte); CD114; GCSFR; CD114 antigen; G-CSF receptor; G-CSF-R; OTTHUMP00000009703; OTTHUMP00000009704; OTTHUMP00000009705; granulocyte colony-stimulating factor receptor; Accession Number (s): NP_000751.1; NP_724781.1; NP_758519.1; Human Gene ID(s): 1441; Non-Human GeneID(s):
Immunogen	TQGDSILDCVPGDQG, is from internal region This antibody is expected to recognize all reported isoforms (NP_000751.1; NP_724781.1; NP_758519.1).
Applications	Pep ELISA Species Tested:
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 4000.
Western Blot	Western Blot: Preliminary experiments in Human Placenta, Bone marrow and peripheral lymphocytes lysates gave no specific signal but low background (at antibody concentration up to 1 µg/ml). We would appreciate any feedback from people in the field - have
IHC	
Reference	Reference(s): Meenhuis A, Verwijmeren C, Roovers O, Touw IP. The deubiquitinating enzyme DUB2A enhances CSF3 signalling by attenuating lysosomal routing of the CSF3 receptor. Biochem J. 2011 Mar 1;434(2):343-51..PMID: 21155715->

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**