

Goat anti-Defensin, beta 119 Antibody

Item Number	dAP-2540
Target Molecule	Principle Name: Defensin, beta 119; Official Symbol: DEFB119; All Names and Symbols: DEFB119; defensin, beta 119; DEFB-19; DEFB-20; DEFB120; ESC42-RELA; ESC42-RELB; MGC71893; beta-defensin 119; beta-defensin 120; beta-defensin 19; beta-defensin 20; defensin, beta 120; defensin, beta 19; defensin, beta 20; Accession Number (s): NP_695021.2; NP_775689.1; NP_697018.1; Human Gene ID(s): 245932; Non-Human GeneID(s):
Immunogen	EENTDWSYEQWPR, is from C Terminus This antibody is expected to recognize reported isoform a (NP_695021.2) only.
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: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins smaller than the calculated size of 9.82kDa according to the precursor NP_695021.2. Therefore we cannot recommend an optimal concentration an
IHC	
Reference	Reference(s): Han S, Lan Q, Park AK, Lee KM, Park SK, Ahn HS, Shin HY, Kang HJ, Koo HH, Seo JJ, Choi JE, Ahn YO, Chanock SJ, Kim H, Rothman N, Kang D. Polymorphisms in innate immunity genes and risk of childhood leukemia. Hum Immunol. 2010 Jul;71(7):727-30..PMID: 20438785->

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**