

## Goat anti-defensin, beta 1 (mouse) Antibody

<b>Item Number</b>	dAP-2490
<b>Target Molecule</b>	Principle Name: defensin, beta 1 (mouse); Official Symbol: Defb1; All Names and Symbols: Defb1; defensin beta 1; AL590630.1;;AW260221; BD-1;beta-defensin 1; Accession Number (s): NP_031869.1; Human Gene ID(s): ; Non-Human GeneID(s): 13214 (mouse) 83687 (rat)
<b>Immunogen</b>	TKLQGTCKPDKPN, is from C Terminus ADJUST NAMES AND SYMBOLS
<b>Applications</b>	Pep ELISA  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 4000.
<b>Western Blot</b>	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as small as the calculated size of 7.75kDa according to NP_031869.1. Therefore we cannot recommend an optimal concentration and the antibody
<b>IHC</b>	
<b>Reference</b>	Reference(s): Winter J, Pantelis A, Reich R, Martini M, Kraus D, Jepsen S, Allam JP, Novak N, Wenghoefer M. Human beta-defensin-1, -2, and -3 exhibit opposite effects on oral squamous cell carcinoma cell proliferation. Cancer Invest. 2011 Mar;29(3):196-201..PMID: 21280982->

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**