

## Goat anti-EGFR Antibody

<b>Item Number</b>	dAP-3289
<b>Target Molecule</b>	Principle Name: EGFR; Official Symbol: EGFR; All Names and Symbols: EGFR; epidermal growth factor receptor; erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian ; HGNC:3236; ERBB; ERBB1; mENA ; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog; epidermal growth factor receptor; epidermal growth fac; Accession Number (s): NP_005219.2; Human Gene ID(s): 1956; Non-Human Gene-ID(s):
<b>Immunogen</b>	QKGSHQISLDNPD, is from internal region This antibody is expected to recognise isoform a (NP_005219.2) only.
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<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 128000.
<b>Western Blot</b>	Western Blot: Approx 170kDa band observed in lysates of cell line HeLa (calculated MW of 134kDa according to NP_005219.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Shigematsu H, Lin L, Takahashi T, Nomura M, Suzuki M, Wistuba II, Fong KM, Lee H, Toyooka S, Shimizu N, Fujisawa T, Feng Z, Roth JA, Herz J, Minna JD, Gazdar AF. Clinical and biological features associated with epidermal growth factor receptor gene mutations in lung cancers. <i>J Natl Cancer Inst</i>

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 end users! This product is sold for **Research Use Only**