

Goat anti-EGFR Antibody

Item Number	dAP-3289
Target Molecule	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):
Immunogen	QKGSQISLDNPD, is from internal region This antibody is expected to recognise isoform a (NP_005219.2) only.
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; 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 128000.
Western Blot	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.
IHC	
Reference	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. J Natl Cancer

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**