

Goat anti-KRT13 Antibody

Item Number	dAP-1632
Target Molecule	Principle Name: KRT13 ; Official Symbol: KRT13; All Names and Symbols: KRT13; keratin 13; CK13; K13; MGC161462; MGC3781; cytokeratin 13; keratin, type I cytoskeletal 13; Accession Number (s): NP_705694.2; Human Gene ID(s): 3860; Non-Human GeneID(s):
Immunogen	TSNASGRRRTSDVRRP, is from C Terminus This antibody is expected to recognize the reported isoform a (NP_002265.2) only.
Applications	Pep ELISA, WB, IHC 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. 55kDa band observed in Human Lung, Skeletal Muscle and Skin lysates (calculated MW of 49.6kDa according to NP_705694.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Sajjan,
IHC	Immunohistochemistry: In paraffin embedded Human Tonsil shows strong layered, filamentous staining. Recommended concentration, 2-4µg/ml.
Reference	Reference(s): Matta H, Mazzacurati L, Schamus S, Yang T, Sun Q, Chaudhary PM. Kaposi's sarcoma-associated herpesvirus (KSHV) oncoprotein K13 bypasses TRAFs and directly interacts with the IkappaB kinase complex to selectively activate NF-kappaB without JNK activation. <i>J Biol Chem</i> . 2007 Aug 24;282

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**