

Goat anti-KLF1 / EKLF Antibody

Item Number	dAP-0482
Target Molecule	Principle Name: KLF1 / EKLF; Official Symbol: KLF1; All Names and Symbols: KLF1; EKLF; Kruppel-like factor 1 (erythroid); erythroid Kruppel-like factor; INLU; monoclonal antibody A3D8; Accession Number (s): NP_006554.1; Human Gene ID(s): 10661; Non-Human GeneID(s):
Immunogen	ATAETALPSISTLT, is from N Terminus
Applications	Pep ELISA, IHC, ChIP Species Tested: Human, Mouse
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 32000.
Western Blot	Western Blot: Preliminary experiments gave an approx 52kDa band in K562 cell lysate after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the predicted size of 38kDa accor
IHC	Immunohistochemistry: Paraffin embedded Human Bone Marrow. Recommended concentration: 5µg/ml.
Reference	Reference(s): Pandya K, Townes TM. Basic residues within the Kruppel zinc finger DNA binding domains are the critical nuclear localization determinants of EKLF/KLF-1. J Biol Chem. 2002 May 3;277(18):16304-12.. PMID: 11844803->

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**