

Goat anti-IRF5 Antibody

Item Number	dAP-0105
Target Molecule	Principle Name: IRF5; Official Symbol: IRF5; All Names and Symbols: IRF5; interferon regulatory factor 5; SLEB10; Accession Number (s): NP_002191.1; NP_116032.1; NP_001092097.1; NP_001092099.1; Human Gene ID(s): 3663; Non-Human GeneID(s):
Immunogen	QGPWPMHPAGMQ, is from C Terminus This antibody is expected to recognize all four reported isoforms (NP_002191.1; NP_116032.1; NP_001092097.1; NP_001092099.1). Reported variants NP_001092100.1, NP_001092101.1,
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 60kDa band observed in Human Spleen and Peripheral Blood Lymphocytes lysates. The calculated molecular size is 57.8kDa according to NP_001092099.1. Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: This antibody showed nuclear staining in Human Cervix, as confirmed by customer (data not shown). This data was obtained using a previous batch.
Reference	Reference(s): Barnes BJ, Moore PA, Pitha PM. Virus-specific activation of a novel interferon regulatory factor, IRF-5, results in the induction of distinct interferon alpha genes. <i>J Biol Chem.</i> 2001 Jun 29;276(26):23382-90..PMID: 11303025->

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**