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**Research Use Only. Not
for diagnostic or
therapeutic use.**

Storage: Aliquot and store at
-20°C. Minimize freezing and
thawing.

Product: EB06009 – Goat anti-FOXD2

*This product is one of a range of **Investigative Grade** antibodies, made against targets that have limited or no commercial antibodies available to them and for which there are no data on the expression of the protein in the range of common cell lines and tissues available to us. These antibodies are affinity purified using their peptide immunogen and are known to give low background staining in a western blot (see Application Notes below). However no additional claims are made for their ability to recognise native protein in any application.*

Target Protein

Principal Names: FOXD2; forkhead box D2; FKHL17; FREAC9; freac-9; forkhead-related activator 9; forkhead (Drosophila)-like 17; Forkhead, drosophila, homolog-like 17

Official Gene Symbol: FOXD2

Accession Number(s): NP_004465

Human Gene ID(s): 2306

Non-Human GeneID(s): 17301 (mouse);

Gene Ontology terms: transcription factor activity; regulation of transcription, DNA-dependent; nucleus

Immunogen

Peptide with sequence FASKVAGLSGCHF, from the C Terminus of the protein sequence according to NP_004465

Purification

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied as 100 µg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8,000. Western Blot: No signal obtained yet but low background observed in Human Kidney and 293 lysates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat

Background Reference

Johansson CC, Dahle MK, Blomqvist SR, Gronning LM, Aandahl EM, Enerback S, Tasken K.

A winged helix forkhead (FOXD2) tunes sensitivity to cAMP in T lymphocytes through regulation of cAMP-dependent protein kinase R1alpha.

J Biol Chem. 2003 May 9;278(19):17573-9. Epub 2003 Mar 05.

PMID: 12621056

