

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB12263 - Goat Anti-EDF1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EDF1, endothelial differentiation-related factor 1, EDF-1, MBF1,

multiprotein bridging factor 1 **Official Symbol:** EDF1

Accession Number(s): NP_003783.1; NP_694880.1

Human GeneID(s): 8721

Non-Human GeneID(s): 59022 (mouse), 678956 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_003783.1; NP_694880.1).

Immunogen

Peptide with sequence C-NKQHSITKNTAKLDR, from the internal region of the protein sequence according to NP_003783.1; NP_694880.1.

Please note the peptide is available for sale.

Purification and Storage

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

Supplied at 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.

Applications Tested

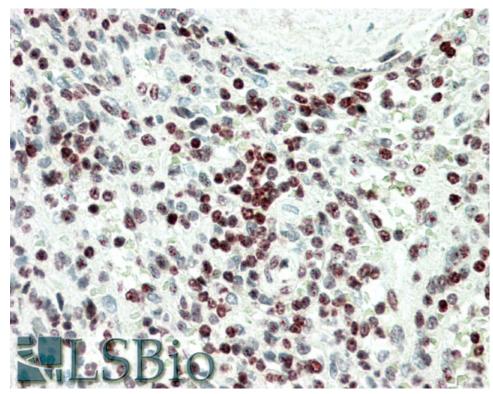
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 17kDa band observed in lysates of cell line A549 (calculated MW of 16.4kDa according to NP_003783.1). Recommended concentration: 0.3-1μg/ml. **IHC:** In paraffin embedded Human Spleen shows nuclear staining of select lymphocytes in the marginal zone. Recommended concentration, 5-10μg/ml.

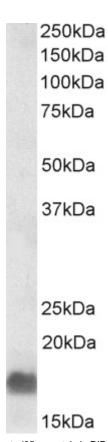
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Pig



EB12263 (5µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB12263 ($0.3\mu g/ml$) staining of A549 lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.