



## International Office

### Everest Biotech Ltd

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

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB09905 - Goat Anti-FBXO4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DKFZp547N213, F-box only protein 4, F-box protein 4, F-box protein Fbx4, FBX4, FLJ10141, FBXO4

**Official Symbol:** FBXO4

**Accession Number(s):** NP\_036308.1; NP\_277019.1

**Human GeneID(s):** [26272](#)

**Non-Human GeneID(s):** 106052 (mouse), 310363 (rat)

**Important Comments:** This antibody is expected to recognize isoform 1 and 2 (NP\_036308.1; NP\_277019.1).

### Immunogen

Peptide with sequence C-EHTSAVNKMFSRH, from the internal region of the protein sequence according to NP\_036308.1; NP\_277019.1.

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 1:8000.

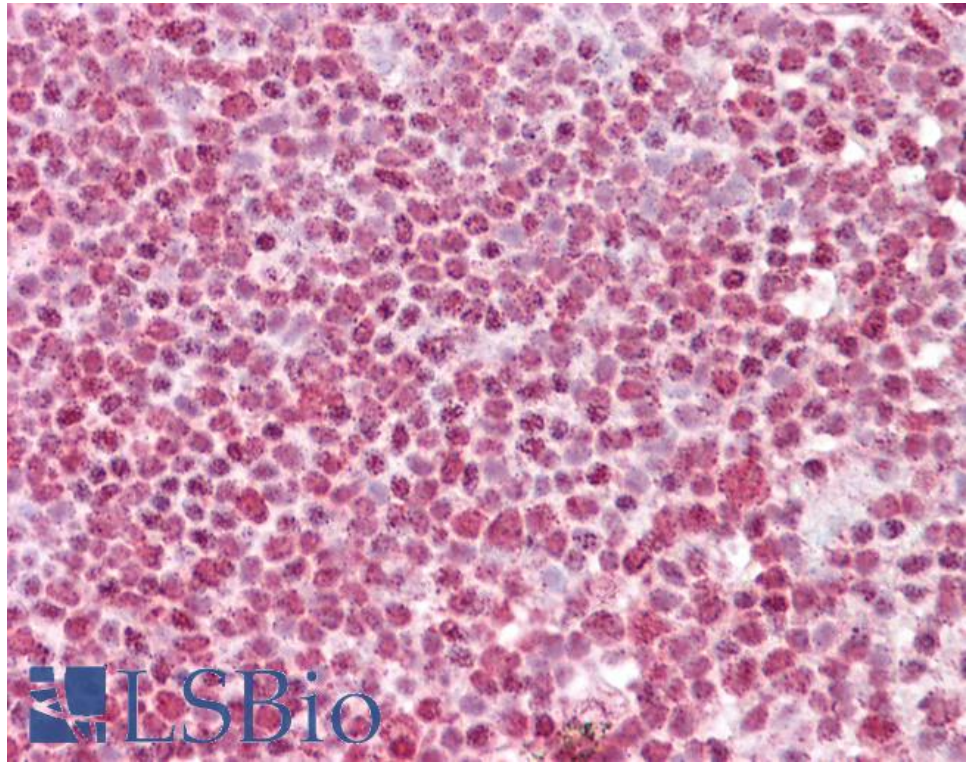
**Western blot:** Preliminary experiments gave an approx 48kDa band in Human Heart ysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 44.1kDa according to NP\_036308.1. The 48kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Tonsil. Recommended concentration: 2.5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Cow



EB09905 (2.5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.