

#### 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.

# EB05410 - Goat Anti-MRGX Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: MORF4L2, MRGX, MORF-related gene X, KIAA0026, KIAA0026 gene

product, mortality factor 4 like 2, RP5-1055C14.2, MORFL2, MSL3-2 protein,

OTTHUMP00000023756

Official Symbol: MORF4L2

Accession Number(s): NP\_036418.1

Human GeneID(s): 9643

Non-Human GenelD(s): 56397 (mouse)

## **Immunogen**

Peptide with sequence SSRKQGSQPRGQQS-C, from the N Terminus of the protein sequence according to NP\_036418.1.

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 1:32000.

**Western blot:** Approx 35kDa band observed in lysates of cell line A431 (calculated MW of 32.3kDa according to NP\_036418.1). In transfected HEK293 transiently expressing MORF4L2 a band of approx. 37kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 1-3µg/ml. Primary incubation was for 1 hour.

**Additional validation:** This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

### **Specific Reference**

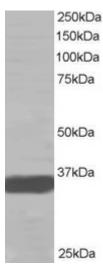
#### This antibody has been successfully used in the following paper:

Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen

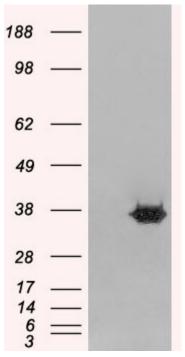
A high-throughput pipeline for validation of antibodies

Nat Methods. 2018 Nov;15(11):909-912

PMID: 30377371



EB05410 staining (0.2µg/ml) of A431 lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.



HEK293 overexpressing MORF4L2 (RC210566) and probed with EB05410 (mock transfection in first lane), tested by Origene.