

#### **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

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# EB08464 - Goat Anti-GSTM3 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** GSTM3, glutathione S-transferase M3 (brain), GST5N: GSTB, GSTM3-3, GTM3, MGC3310, MGC3704, GST class-mu 3, S-(hydroxyalkyl)glutathione lyase M3, brain GSTN: brain type mu-glutathione S-transferase, glutathione S-alkyltransferase M3, glutathione S-aralkyltransferase M3, glutathione S-aryltransferase

M3, glutathione S-transferase M3, glutathione S-transferase, Mu-3

Official Symbol: GSTM3

Accession Number(s): NP\_000840.2

Human GeneID(s): 2947

### Immunogen

Peptide with sequence RTQLIRLCYSSDHE, from the internal region of the protein sequence according to NP\_000840.2.

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**

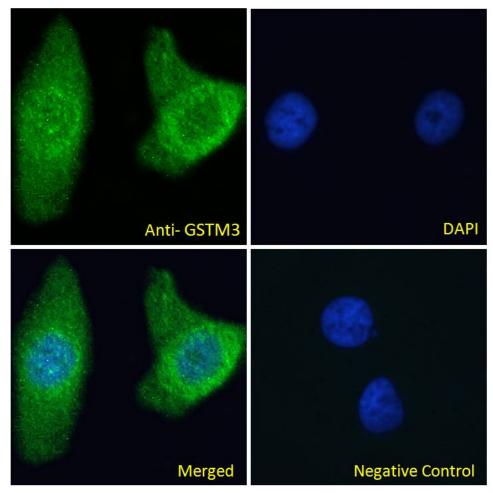
Peptide ELISA: antibody detection limit dilution 1:4000.

**Immunofluorescence:** Strong expression of the protein seen in the mitochondria/ cytoplasm of HeLa cells. Recommended concentration: 10µg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB08464 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing Mitochondria/cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).