

#### **International Office**

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# EB09808 - Goat Anti-Mesothelin Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: CAK1, megakaryocyte potentiating factor, mesothelin, MPF, SMR,

**MSLN** 

Official Symbol: MSLN

Accession Number(s): NP\_005814.2; NP\_037536.2

Human GenelD(s): 10232

Important Comments: This antibody is expected to recognize isoform 1 and 2

(NP\_005814.2; NP\_037536.2).

#### **Immunogen**

Peptide with sequence CPSGKKAREIDES, from the internal region of the protein sequence according to NP\_005814.2; NP\_037536.2.

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 1:64000.

Western blot: Approx 70kDa band observed in Human Placenta lysates (calculated MW of 68.1kDa according to NP\_005814.2 and of 69.0kDa according to NP\_037536.2). Recommended concentration: 0.3-1µg/ml. An additional band of unknown identity was also consistently observed at 150kDa. This band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09808 (0.3μg/ml) staining of Human Placenta lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.