

### **International Office**

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# EB12579 - Goat Anti-NME1 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: NME1, AWD, GAAD, NB, NBS, NDPK-A, NDPKA, NM23, NM23-H1,

non-metastatic cells 1, protein (NM23A) expressed in, NDP kinase A,

OTTHUMP00000174772
Official Symbol: NME1

Accession Number(s): NP\_937818.1; NP\_000260.1

Human GeneID(s): 4830

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

(NP\_937818.1; NP\_000260.1).

## Immunogen

Peptide with sequence DYTSCAQNWIYE, from the C Terminus of the protein sequence according to NP\_937818.1; NP\_000260.1.

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 20+18kDa bands observed in lysates of cell lines A549, HeLa and HepG2 (calculated MW of 19.7kDa according to NP\_937818.1 and 17.1kDa according to NP\_000260.1). Recommended concentration: 0.01-0.03µg/ml.

## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB12579 (0.01μg/ml) staining of A549 (A) and HeLa (B) lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.