



## UK Office

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

## 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 (0.01  $\mu\text{g/ml}$ ) staining of A549 (A) and HeLa (B) lysates (35  $\mu\text{g}$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.