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

Storage: For long-term storage
keep aliquots at -20°C. (Store no
longer than 12 months at 4°C).
Minimize freezing and thawing.

EB07249 - Goat Anti-EMP3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: YMP, HGNC:3335, epithelial membrane protein 3, EMP3

Official Symbol: EMP3

Accession Number(s): NP_001416.1

Human GeneID(s): [2014](#)

Immunogen

Peptide with sequence DCTWNNDTKTWA, from the internal region of the protein sequence according to NP_001416.1.

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: Preliminary experiments in Human Kidney, Liver and Peripheral Blood Mononucleocyte lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Dog

Background Reference

Alaminos M, Davalos V, Ropero S, Setien F, Paz MF, Herranz M, Fraga MF, Mora J, Cheung NK, Gerald WL, Esteller M.

EMP3, a myelin-related gene located in the critical 19q13.3 region, is epigenetically silenced and exhibits features of a candidate tumor suppressor in glioma and neuroblastoma.

Cancer Res. 2005 Apr 1;65(7):2565-71.

PMID: 15805250