



## International Office

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

## EB10045 - Goat Anti-HOXA9 (aa49-60) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ABD-B, homeo box A9, homeobox A9, homeobox protein HOXA9, homeodomain protein HOXA9, HOX1, HOX1.7, HOX1G, MGC1934, HOXA9

**Official Symbol:** HOXA9

**Accession Number(s):** NP\_689952.1

**Human GeneID(s):** [3205](#)

### Immunogen

Peptide with sequence PDFSPCSFQSKA, from the internal region of the protein sequence according to NP\_689952.1.

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

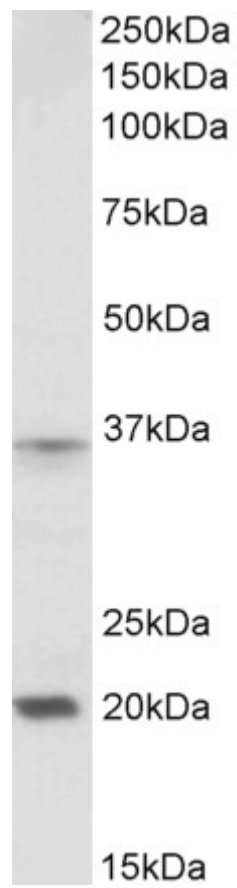
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Approx 36kDa band observed in Mouse Spleen lysates (calculated MW of 29.9kDa according to NP\_034586.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Quéré et al, Blood. 2011 Jun 2;117(22):5918-30. PMID: 21471525). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 20kDa. 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:** Mouse

**Expected from sequence similarity:** Human, Mouse, Rat. Dog. Cow



EB10045 (2 $\mu$ g/ml) staining of Mouse Spleen lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.