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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.

## EB09534 - Goat Anti-PRMT5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SKB1 homolog, HMT1 hnRNP methyltransferase-like 5, SKB1Hs, SKB1, JBP1, IBP72, HRMT1L5, protein arginine methyltransferase 5, PRMT5

**Official Symbol:** PRMT5

**Accession Number(s):** NP\_006100.2; NP\_001034708.1

**Human GeneID(s):** [10419](#)

**Non-Human GeneID(s):** 27374 (mouse), 364382 (rat)

**Important Comments:** This antibody is expected to recognize both isoforms (NP\_006100.2; NP\_001034708.1).

### Immunogen

Peptide with sequence RACREKDRDPEAQ, from the internal region of the protein sequence according to NP\_006100.2; NP\_001034708.1.

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

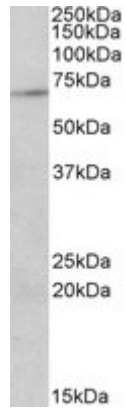
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Approx 70kDa band observed in Jurkat lysates (calculated MW of 72.7kDa and 71.3kDa according to NP\_006100.2; NP\_001034708.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB09534 staining (2 $\mu$ g/ml) of Jurkat lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.