

### **Product Data Sheet**

## Recombinant Anti-G9A Rabbit mAb

Catalog # Source Reactivity Applications

CMA4071 Rabbit H WB

**Description** Recombinant rabbit monoclonal antibody to G9A

Immunogen KLH-conjugated synthetic peptide encompassing a sequence within human G9A. The

exact sequence is proprietary.

**Purification** The antibody was purified by immunogen affinity chromatography.

**Specificity** Recognizes endogenous levels of G9A protein

**Clonality** Monoclonal

Conjugation

Form Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.

**Dilution** WB (1/500 - 1/1000)

Gene Symbol EHMT2

Alternative Names BAT8; C6orf30; G9A; KMT1C; NG36; Histone-lysine N-methyltransferase EHMT2;

Euchromatic histone-lysine N-methyltransferase 2; HLA-B-associated transcript 8;

Histone H3-K9 methyltransferase 3; H3-K9-HMTase 3; Lysine N-methyltransferase

1C: Protein G9a

Entrez Gene 10919 (Human)

SwissProt Q96KQ7 (Human)

Storage/Stability Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid

freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

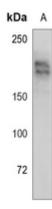
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Western blot analysis of G9A expression in A549 (A) whole cell lysates. (Predicted band size: 132 kD; Observed band size: 160; 170 kD)

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