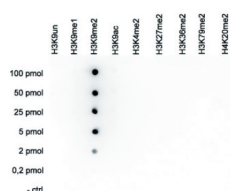


Product no **AS16 3194****H3K9me2 | Histone H3 dimethylated lysine 9****Product information****Immunogen** | KLH-conjugated synthetic peptide**Host** | Rabbit**Clonality** | Polyclonal**Purity** | Immunogen affinity purified serum.**Format** | Liquid**Quantity** | 50 µg**Storage** | Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.**Additional information** | Antibody is provided in PBS containing 0,05% azide and 0,05% ProClin 300**Application information****Recommended dilution** | 1-5 µg/IP (ChIP/ChIP-seq), 1 : 20 000 (Dot), 1 : 1000 (ELISA), 1 : 500 (IF), 1 : 1000 (WB)**Expected | apparent MW** | 15 kDa**Confirmed reactivity** | Human, *Solanum lycopersicum***Predicted reactivity** | *Arabidopsis thaliana*, Mouse, *Oryza sativa***Not reactive in** | No confirmed exceptions from predicted reactivity are currently known**Additional information** | Antibody solution contains PBS with 0,05% sodium azide and 0,05% ProClin 300**Selected references** | [Liu et al. \(2018\)](#). Transcriptomics analyses reveal the molecular roadmap and long noncoding RNA landscape of sperm cell lineage development. Plant J. 2018 Jul 26. doi: 10.1111/tpj.14041.**application example**

Dot blot analysis to test the cross reactivity of anti-H3K9me2 antibodies with peptides containing other modifications of histone H3 and the unmodified H3K9 sequence. 100 to 0.2 pmol of peptide containing the respective histone modification were spotted on a membrane. The antibody was used at a dilution of 1:20 000.