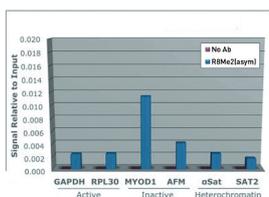
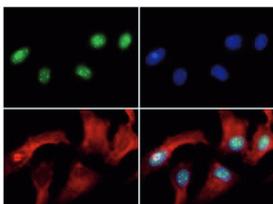


Product no **AS16 3177****H3R8me2(asym) | Histone H3 (asym-dimethylated Arg8)****Product information****Immunogen** | KLH-conjugated synthetic peptide**Host** | Rabbit**Clonality** | Polyclonal**Purity** | Immunogen affinity purified serum.**Format** | Liquid**Quantity** | 50 µg**Storage** | Store lyophilized/reconstituted 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** | This antibody preparation is provided in 20 mM Potassium Phosphate pH 7,2, 150 mM NaCl, 0,01% sodium azide and 30% glycerol**Application information****Recommended dilution** | 2 ug (ChIP), 1: 100 (IF), 1: 100 (IHC), 1:500 (WB)**Expected | apparent MW** | 15 kDa**Confirmed reactivity** | *Caenorhabditis elegans*, Human**Predicted reactivity** | Chicken, *Drosophila melanogaster*, Mouse, Plant, Rat, *Xenopus sp.***Not reactive in** | No confirmed exceptions from predicted reactivity are currently known**application example**

**Chromatin Immunoprecipitation** using anti-H3R8me2(asym) antibodies. Chromatin from one million formaldehyde cross-linked HeLa cells was used with 2 µg of H3R8me2(asym) and 20 µl of magnetic beads per immunoprecipitation. A no antibody (No Ab) control was also used. Immunoprecipitated DNA was quantified using quantitative real-time PCR, and normalized to the input chromatin.

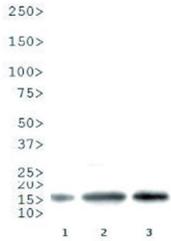


**Immunofluorescence** using anti-H3R8me2(asym) antibodies. Tissue: HeLa cells. Fixation: 0.5% PFA. Primary antibody: used at a 1:100 dilution for 1 h at RT. Secondary antibody: FITC secondary antibody at 1:10 000 for 45 min at RT. Localization: H3R8me2(asym) is nuclear and chromosomal. Staining: H3R8me2(asym) is expressed in green and the nuclei and alpha-tubulin are counterstained with DAPI (blue) and Dylight® 594 (red).

This product is **for research use only** (not for diagnostic or therapeutic use)

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**Western Blot** using antiH3R8me2(asym) antibodies. Lane 1: HeLa Histone extracts. 2. NIH-3T3 extracts. Lane 3: *C. elegans* embryo lysate. Load: 30 µg per lane. Primary antibody diluted 1:500 overnight at 4°C. Secondary antibody: IRDye800™ rabbit secondary antibody at 1:10 000 for 45 min at RT.