

Product no **AS16 3144****LacI | Lactose operon repressor (clone 15C11)****Product information**

**Immunogen** | Recombinant LacI-NLS-6xHis (Lactose operon repressor + C-terminal eukaryotic nuclear localization signal: SSVVHPKKRKV (NLS) + 6xHis-tag) overexpressed in *E. coli*

**Host** | Mouse

**Clonality** | Monoclonal

**Subclass/isotype** | IgG1

**Purity** | IgG1 immunoglobulin PBS, 0.05% (w/v) sodium azide.

**Format** | Liquid

**Quantity** | 100 µg

**Storage** | Store at -20 °C. 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 recognizes recombinant and native LacI

**Application information**

**Recommended dilution** | 5 µg in 10 ml (WB)

**Expected | apparent MW** | 45 kDa

**Confirmed reactivity** | *Arabidopsis thaliana*, *Escherichia coli*

**Predicted reactivity** | *Actinopolyspora erythraea*, *Chlamydia trachomatis*, *Methanosarcina mazei*, *Methyloglobulus morosus KOM1*, *Pseudomonas sp. 1-7*, *Shigella sonnei*, *Shinella sp.*  
Species of your interest not listed? [Contact us](#)

**Not reactive in** | No confirmed exceptions from predicted reactivity are currently known

**Selected references** | [Kim T.](#), et al. (2005) Engineering a root-specific, repressor-operator gene complex. *Plant Biotechnol J.* 3(6):571-82.