

Product datasheet

E. coli Positive Control (Escherichia coli) Whole Cell Lysate ab5395

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Overview

Product name	E. coli Positive Control (Escherichia coli) Whole Cell Lysate
General notes	<p>This E.coli lysate contains a 41 kd recombinant protein expressing 12 commonly used Tags which are fused to the N-terminus of the protein in the order of:</p> <p>GST</p> <p>T7</p> <p>HSV</p> <p>C-Myc</p> <p>VSV-g</p> <p>Glu-Glu</p> <p>V5</p> <p>E-tag</p> <p>FLAG (DDDDK)</p> <p>S-tag</p> <p>HA</p> <p>6x His</p> <p>Excellent as a loading control for Western blotting. Lysate expresses 12 different epitope tags.</p>
Tested applications	Suitable for: WB

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	1X Loading Buffer (1X SDS-PAGE Sample Buffer: 62.5 mM Tris HCl, 2% SDS, 10% Glycerol and 0.005% bromophenol blue)
Lysate notes	Excellent as a loading control for Western blotting. Lysate expresses 12 different epitope tags.

Background

Escherichia coli is a gram negative bacillus that belongs to a larger group of Enterobacteriae - bacteria that inhabit the gastrointestinal tract. Although usually a harmless resident of the gut, some strains have the potential to cause serious problems, especially where there is an immature immune system or immunosuppression, or where the subtype of organism has acquired the ability to produce pathogenic toxins.

Applications

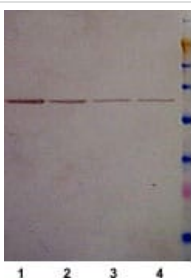
The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab5395 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Use 0.5 - 2.0 μ l for 10 - 12% gels.

Images



Western blot - *E. coli* Positive Control (*Escherichia coli*) Whole Cell Lysate (ab5395)

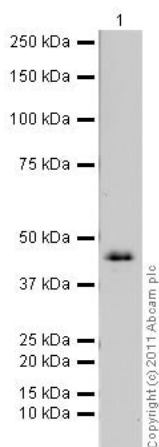
All lanes : Anti-6X His tag® antibody ([ab9108](#)) at 1/1000 dilution

Lane 1 : *E. coli* Positive Control (*Escherichia coli*) Whole Cell Lysate (ab5395) at 2 μ l

Lane 2 : *E. coli* Positive Control (*Escherichia coli*) Whole Cell Lysate (ab5395) at 1 μ l

Lane 3 : *E. coli* Positive Control (*Escherichia coli*) Whole Cell Lysate (ab5395) at 0.5 μ l

Lane 4 : *E. coli* Positive Control (*Escherichia coli*) Whole Cell Lysate (ab5395) at 0.25 μ l



Western blot - *E. coli* Positive Control (*Escherichia coli*) Whole Cell Lysate (ab5395)

This WB was performed using an *E. coli* lysate that expresses a 41kDa recombinant protein comprised of 12 commonly used epitope tags (T7, HSV, C-Myc, VSV-g, Glu-Glu, V5, E-tag, FLAG, S-tag, HA and 6xHis). This lysate is available as ab5395.

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