E. coli host cell proteins polyclonal antibody (biotin conjugate)

Host cell proteins (HCPs) are proteins unique to the host cell used in biologics production and are considered to be a potentially hazardous contaminant when included in the final recombinant product. There is a range from 4,300 genes in *E. coli* to 30,000 genes in CHO or NS0 cell lines that may be expressed along with the desired recombinant product, and at least a small sub-population of these proteins will normally co-purify with the protein of interest. Characterization of these HCPs is important because there are potential safety risks when they are included in a therapeutic product, and the foreign nature of the proteins can elicit an immune response in humans. Antibodies raised against host cell proteins can be used to detect HCPs using Western blot analysis.

This antibody is covered by our Worry-Free Guarantee.

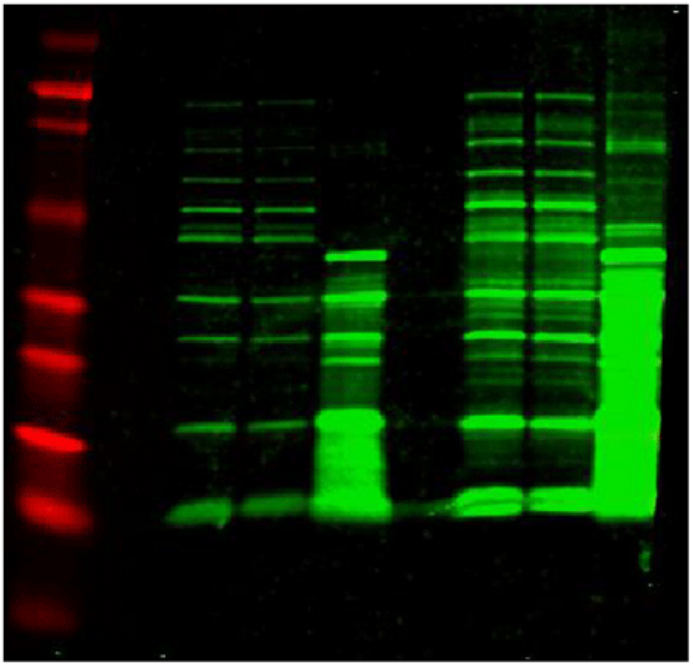
Ordering Information

Order Online »

ENZ-ABS263-0100	100µg

Manuals, SDS & CofA

View Online »



Western Blot Analysis of E. coli HCP, SDS-PAGE Separation.

Handling & Storage

Use/Stability	Stable for one month at 4°C, stable for at least 12 months at -20°C.
Handling	Avoid freeze/thaw cycles.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	HCP
Application	WB
Formulation	Liquid. In PBST with 1% BSA containing 10ppm Kathon.
Host	Rabbit
Immunogen	E. coli host cell proteins.
Purity Detail	Protein A affinity purified.
Species Reactivity	E. coli
Specificity	Recognizes *E. coli* host cell proteins.
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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