

Anti-E.coli Combined Host Cell Protein (HCP) Antibody
E.coli Combined HCP Antibody
Catalog # ASR3758**Specification**

Anti-E.coli Combined Host Cell Protein (HCP) Antibody - Product Information

Host	Rabbit
Conjugate	Unconjugated
Target Species	Escherichia coli
Reactivity	E. coli
Clonality	Polyclonal
Application	WB, E, I, LCI
Application Note	Anti-Host Cell Proteins Antibody detects over 300 E.coli proteins and has been tested in ELISA, 2D-Page and western blot.
Physical State	Liquid (sterile filtered)
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Anti-Host Cell Proteins Antibody was prepared by repeated immunizations with a full range of high molecular weight (HMW) and low molecular weight (LMW) proteins from E.Coli (BL21).
Preservative	0.01% (w/v) Sodium Azide

Anti-E.coli Combined Host Cell Protein (HCP) Antibody - Additional Information**Purity**

E.coli Combined HCP Antibody is directed against high molecular weight and low molecular weight E.coli Host Cell Proteins. This whole rabbit antiserum was prepared by delipidation and defibrination followed by the addition of buffer salts and preservative. The anti-sera reactivity is directed against E.coli Host Cell Proteins. Cross-reactivity with other species is likely but has not been determined. Reactivity against homologues from other sources is not known.

Storage Condition

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

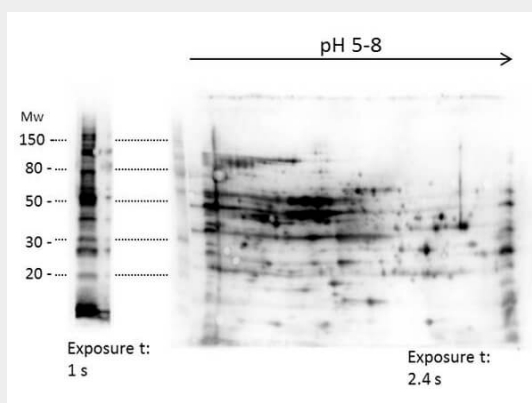
This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-E.coli Combined Host Cell Protein (HCP) Antibody - Protein Information**Anti-E.coli Combined Host Cell Protein (HCP) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-E.coli Combined Host Cell Protein (HCP) Antibody - Images



2D Western Blot of anti-E.coli Host Cell Protein antibody. Load: 35 µg Total HCP. Primary antibody: Rabbit anti-HCP antibody at 1:2000 for overnight at 4°C. Secondary antibody: Goat anti-rabbit secondary antibody at 1:10,000 for 30 min at RT. Block: MB-070 for 1 hour at RT.

Anti-E.coli Combined Host Cell Protein (HCP) Antibody - Background

Anti-Host Cell Proteins Antibody recognizes high and low molecular weight protein fractions from E.coli. This antibody has been validated by 2D electrophoresis western blot to assure highest possible coverage of E.coli HCP. Host Cell Proteins are process-related impurities derived from a host cell expression system that may be present in trace amounts in a final drug substance. HCP Antibodies are used to detect impurities in biologically-based therapeutics. Detecting impurities often unseen by 1-D electrophoresis, a 2D electrophoresis western blot analysis delivers more complete insight into the immunocoverage of protein components of the host cell lysate.