

E-Cadherin (phospho Ser838/Ser840) antibody [HL3201]

Cat. No. GTX640841

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent

Not tested in other applications.

Observed MW (kDa) 125 kDa.**Product Note** This antibody detects E-Cadherin when dually phosphorylated at Ser838 and Ser840, but it does not recognize E-Cadherin when singly phosphorylated at either Ser838 or Ser840.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser838/Ser840 of human E-Cadherin. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

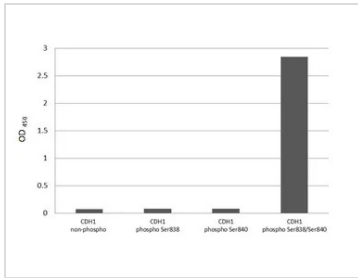
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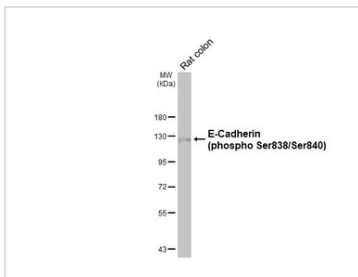


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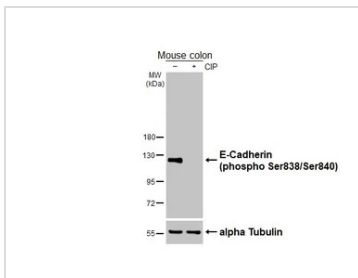
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DATA IMAGES

GTX640841 Image

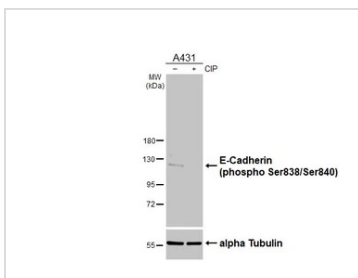
Specificity test was performed by coating the plate with (CDH1 peptide, CDH1 (phospho Ser838) peptide, CDH1 (phospho Ser840) peptide, and CDH1 (phospho Ser838/Ser840) peptide) (1000- ng/mL). Coated peptides were probed with E-Cadherin (phospho Ser838/Ser840) antibody [HL3201] (GTX640841) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.


GTX640841 WB Image

Rat tissue extract (50 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with E-Cadherin (phospho Ser838/Ser840) antibody [HL3201] (GTX640841) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX640841 WB Image

Untreated (-) and treated (+) mouse tissue extract (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with E-Cadherin (phospho Ser838/Ser840) antibody [HL3201] (GTX640841) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX640841 WB Image

Untreated (-) and treated (+) A431 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with E-Cadherin (phospho Ser838/Ser840) antibody [HL3201] (GTX640841) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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