

Cre recombinase antibody [GT10212]

Cat. No. GTX629479

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, IP
Reactivity	Species independent

References (2)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:20000
IP	1:100-1:500

Not tested in other applications.

Calculated MW 39 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
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	Recombinant protein conjugated synthetic peptide encompassing a sequence within the center region of Cre recombinase. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

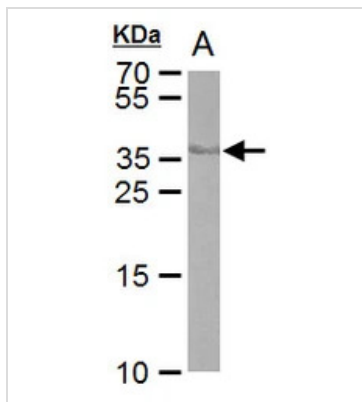
Note

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DATA IMAGES

GTX629479 WB Image

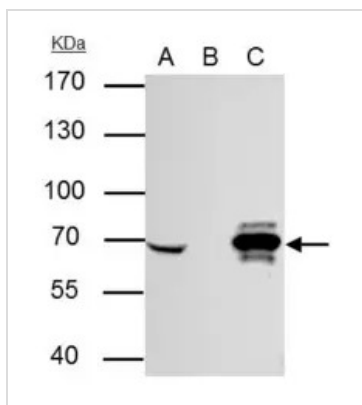
Cre recombinase antibody [GT10212] detects Cre recombinase protein by western blot analysis.

A. IPTG-induced cell lysate from E. coli expressing Cre recombinant proteins

12.5% SDS-PAGE

Cre recombinase antibody [GT10212] (GTX629479) dilution: 1:10000

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX629479 IP Image

Cre recombinase antibody immunoprecipitates Cre recombinase protein in IP experiments. IP Sample: 293T

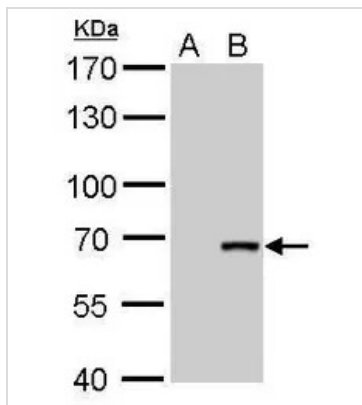
whole cell lysate/extract A : 20 µg whole cell lysate/extract of Cre recombinase protein expressing 293T cells

B : Control with 2.5 µg of pre-immune mouse IgG C : Immunoprecipitation of Cre recombinase protein by

2.6 µg of Cre recombinase antibody (GTX629479) 7.5% SDS-PAGE The immunoprecipitated Cre

recombinase protein was detected by Cre recombinase antibody (GTX629479) diluted at 1 : 5000. EasyBlot

anti-mouse IgG (HRP) (GTX221667-01) was used as a secondary reagent.


GTX629479 WB Image

Cre recombinase antibody [GT10212] detects Cre recombinase protein by western blot analysis.

A. 30 µg HeLa whole cell lysate/extract

B. 30 µg whole cell lysate/extract of Cre-tagged protein expressing HeLa cells

7.5% SDS-PAGE

Cre recombinase antibody [GT10212] (GTX629479) dilution: 1:5000

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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