

Cre-Recombinase

Cat.No. 257 003; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

Data Sheet

Reconstitution/ Storage	50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: not tested yet IP: not tested yet ICC: 1 : 500 IHC: 1 : 500 IHC-P/FFPE: not tested yet
Immunogen	Recombinant protein corresponding to AA 1 to 343 from Bacteriophage P1 Cre-Recombinase (UniProt Id: P06956)
Specificity	Recognizes Cre- and iCre-recombinase.

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Cre-Recombinase is a 38 kDa type 1 topoisomerase from bacteriophage P1. It is highly specific for a 34 bp DNA sequence (loxP) found in P1 DNA and catalyzes site-specific recombination between two 34-base-pair LOXP recognition sites. Its role is to maintain the phage genome as a monomeric unit-copy plasmid in the lysogenic state. Its highly specific catalytic activity makes it a valuable tool for the generation of conditional or tissue specific mutants.

Selected References SYSY Antibodies

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Selected General References

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Cre recombinase resources for conditional mouse mutagenesis.
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