

CXCR4 antibody [HL2612]

Cat. No. GTX639064

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, FCM
Reactivity	Human, Mouse, Dog

References (3)

★★★★★ Review (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
FCM	Assay dependent

Not tested in other applications.

Observed MW (kDa) 40 kDa.**Product Note** This antibody was raised against human CXCR4 Intracellular domain.

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	Synthetic peptide encompassing a sequence within the Intracellular domain of human CXCR4. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

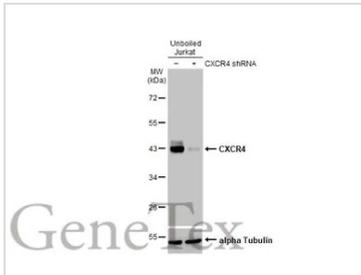


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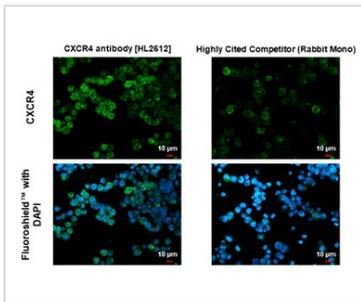
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DATA IMAGES



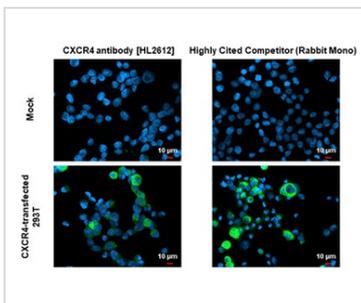
GTX639064 WB Image

Non-transfected (-) and transfected (+) Jurkat whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with CXCR4 antibody [HL2612] (GTX639064) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



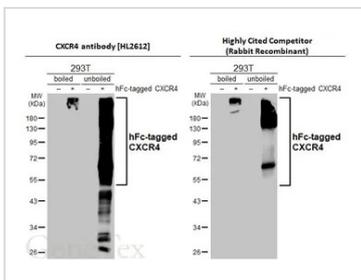
GTX639064 ICC/IF Image

CXCR4 antibody [HL2612] detects CXCR4 protein by immunofluorescent analysis. Sample: Jurkat cells were fixed in ice-cold MeOH for 5 min. Green: CXCR4 stained by CXCR4 antibody [HL2612] (GTX639064) diluted at 1:500 and competitor's antibody (Highly Cited Competitor) diluted at 1:500. Blue: Fluoroshield with DAPI (GTX30920).
 *Competitor's antibody is not affiliated with GeneTex and does not endorse this product.



GTX639064 ICC/IF Image

CXCR4 antibody [HL2612] detects CXCR4 protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in ice-cold MeOH for 5 min. Green: CXCR4 stained by CXCR4 antibody [HL2612] (GTX639064) diluted at 1:500 and competitor's antibody (highly cited competitor) diluted at 1:500. Blue: Fluoroshield with DAPI (GTX30920).
 *Competitor's antibody is not affiliated with GeneTex and does not endorse this product.



GTX639064 WB Image

Non-transfected (-) and transfected (+) boiled and unboiled 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membranes were blotted with CXCR4 antibody [HL2612] (GTX639064) diluted at 1:1000 and competitor's antibody (Highly Cited Antibody) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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