

xCT / SLC7A11 antibody [HL5661]

Cat. No. GTX646470

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

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	1:100-1:1000

Not tested in other applications.

Observed MW (kDa) 36 kDa.**Product Note** This antibody was raised against human xCT / SLC7A11 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	Recombinant fragment encompassing a sequence within the Intracellular domain of human xCT / SLC7A11. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

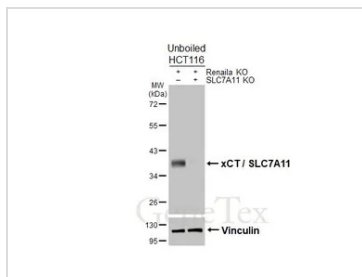
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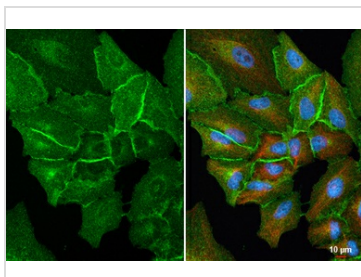
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DATA IMAGES



GTX646470 WB Image

Renilla knockout (KO) and SLC7A11 knockout (KO) unboiled HCT116 cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with xCT / SLC7A11 antibody [HL5661] (GTX646470) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX646470 ICC/IF Image

xCT / SLC7A11 antibody [HL5661] detects xCT / SLC7A11 protein by immunofluorescent analysis.

Sample: A549 cells were fixed in ice-cold MeOH for 5 min.

Green: xCT / SLC7A11 stained by xCT / SLC7A11 antibody [HL5661] (GTX646470) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield™ with DAPI (GTX30920).



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