

产品名称: xCT Rabbit Monoclonal Antibody
产品货号: AMRe83994



产品概述 (Summary)

产品名称 (Production Name)	xCT Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC, IP
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	xCT
别名 (Alternative Names)	CCBR1; Cysteine/glutamate transporter; SLC7A11; solute carrier family 7; xCT; ;xCT
基因 ID (Gene ID)	
蛋白 ID (SwissProt ID)	Q9UPY5.A synthesized peptide derived from human xCT

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000, ICC 1:50-1:200, IP 1:20-1:50
蛋白分子量 (Molecular Weight)	55 kDa

研究背景 (Background)

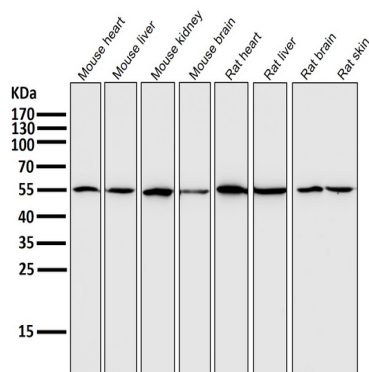
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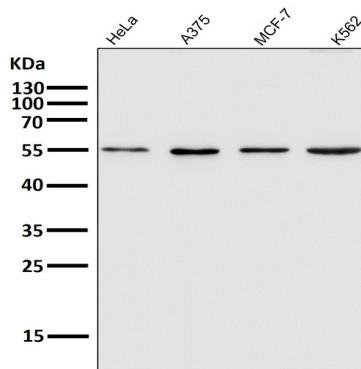
Heterodimer with SLC3A2, that functions as an antiporter by mediating the exchange of extracellular anionic L-cystine and intracellular L-glutamate across the cellular plasma membrane. Provides L-cystine for the maintenance of the redox balance between extracellular L-cystine and L-cysteine and for the maintenance of the intracellular levels of glutathione that is essential for cells protection from oxidative stress.

研究领域 (Research Area)

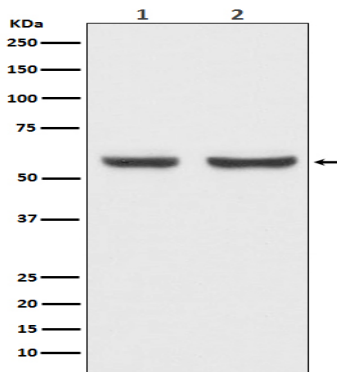
图片 (Image Data)



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



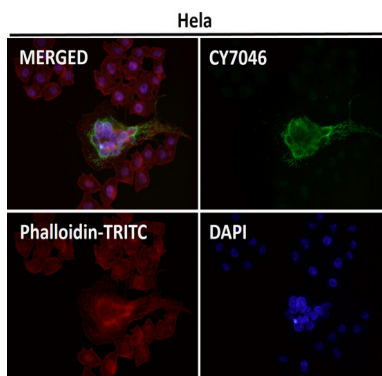
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



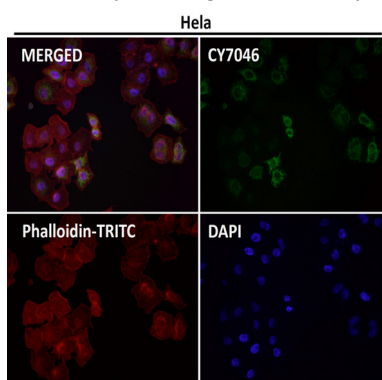
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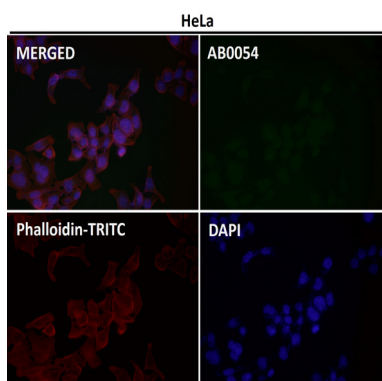
Western blot analysis of xCT expression in (1) HepG2 cell lysate; (2) Mouse brain lysate.



Immunofluorescent analysis using the Antibody at 1:50 dilution.

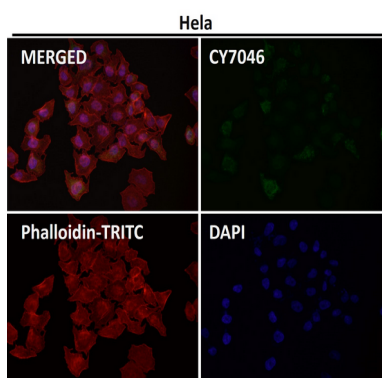


Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis using the Antibody at 1:150 dilution.

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Immunofluorescent analysis using the Antibody at 1:150 dilution.

注意事项 (Note)

For research use only .