Product Data Sheet
xCT Rabbit Monoclonal Antibody

Product name:	xCT Rabbit Monoclonal Antibody
Cat number:	MABN83994
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthesized peptide derived from human xCT
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:1000-1:2000,ICC 1:50-1:200,IP 1:20-1:50
Molecular Weight:	55 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in PBS with 0.05% sodium azide,0.05% BSA and 50% glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Synonyms:	CCBR1; Cysteine/glutamate transporter; SLC7A11; solute carrier family 7; xCT; ;xCT
Background:	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.