

Product Datasheet

SLC7A5/LAT1 Antibody (EP3-1) - Chimeric - Azide and BSA Free NBP3-20116-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP3-20116-0.2mg

SLC7A5/LAT1 Antibody (EP3-1) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	EP3-1
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

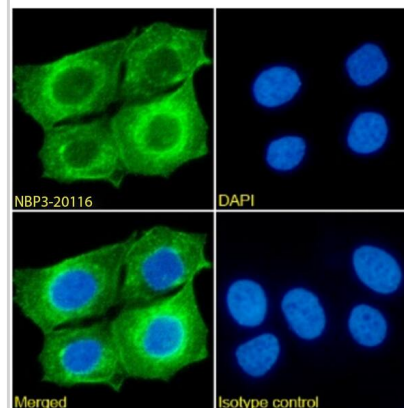
Product Description	
Host	Rabbit
Gene ID	8140
Gene Symbol	SLC7A5
Species	Human
Specificity/Sensitivity	Shows no reactivity to live HeLa cells by ICC/IF.
Immunogen	Immunised mice and constructed IgG1 Fab phage display libraries from the spleen cells. SLC7A5/LAT1-reactive recombinant Fab fragments were retrieved by epitope peptide panning.

Product Application Details	
Applications	Flow Cytometry, Functional, Immunocytochemistry/Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Functional
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

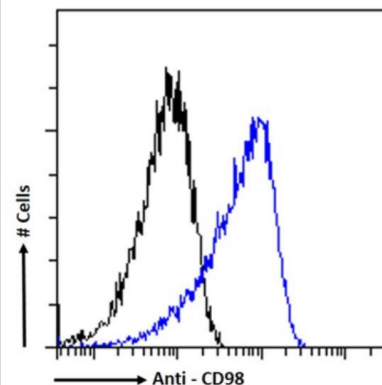


Images

Immunocytochemistry/Immunofluorescence: SLC7A5/LAT1 Antibody (EP3-1) - Chimeric - Azide and BSA Free [NBP3-20116] -
 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells stained with the chimeric rabbit IgG version of EP3-1 (NBP3-20116) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-20116, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.



Flow Cytometry: SLC7A5/LAT1 Antibody (EP3-1) - Chimeric - Azide and BSA Free [NBP3-20116] - Paraformaldehyde fixed MCF7 cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control, black line) or the rabbit IgG version of EP3-1 (NBP3-20116, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor(R) 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.





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Products Related to NBP3-20116-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7156	Goat anti-Rabbit IgG (H+L) Secondary Antibody
NBP2-33662PEP	SLC7A5/LAT1 Recombinant Protein Antigen
DVE00	VEGF [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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