

Product datasheet for **TA386155**

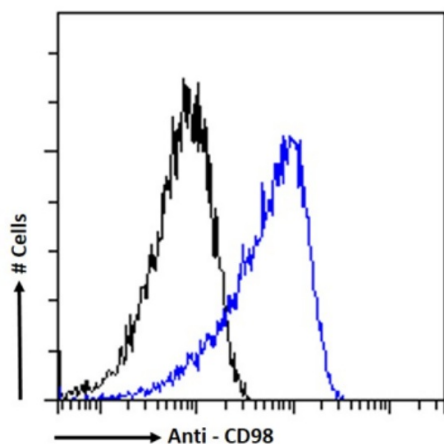
SLC7A5 Rabbit Monoclonal Antibody [Clone ID: EP3-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	EP3-1
Applications:	IF, IP
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	Immunised mice and constructed IgG1 Fab phage display libraries from the spleen cells. CD98-reactive recombinant Fab fragments were retrieved by epitope peptide panning.
Specificity:	Shown to bind to epitopes of sequences; LLHGDFHAFSAG-GGGC-NH ₂ , LLHGDFH-GGGC-HN ₂ , and FHAFSAG-GGGC-NH ₂ , but showed no reactivity to live HeLa cells by IF. CD98 may be a target for T or B cell immune responses against tumour cells in cancer patients (Itoh 2008).
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	solute carrier family 7 member 5
Database Link:	Entrez Gene 8140 Human Q01650
Synonyms:	4F2LC; CD98; CD98LC; D16S469E; E16; hLAT1; LAT1; MPE16
Note:	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.



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Product images:

Flow cytometry using the Anti-CD98 antibody EP3-1 (TA386155). Paraformaldehyde fixed MCF7 cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody ([TA385792]; isotype control, black line) or the rabbit IgG version of EP3-1 (TA386155, 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® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.