

Product Datasheet

Anti-CLU [SAIC-43B-8] (orb1089974)

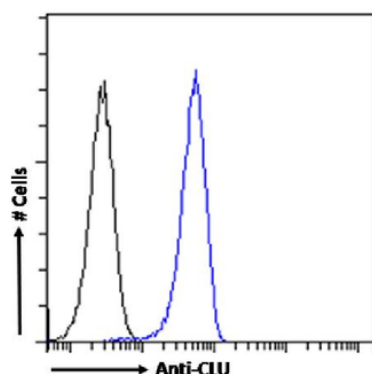
Description	Rabbit monoclonal antibody to CLU
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, WB
Immunogen	Peptide "ASSIIDELFQDR" derived from Clusterin conjugated to KLH. Clusterin isoform 1 functions as extracellular chaperone that prevents aggregation of nonnative proteins
Target	CLU
Preservatives	PBS with 0.02% Proclin 300.
Concentration	1 mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Isotype	IgG
Clonality	Monoclonal
Clone Number	SAIC-43B-8
Purity	Purified
Uniprot ID	P10909
Expiration Date	12 months from date of receipt.

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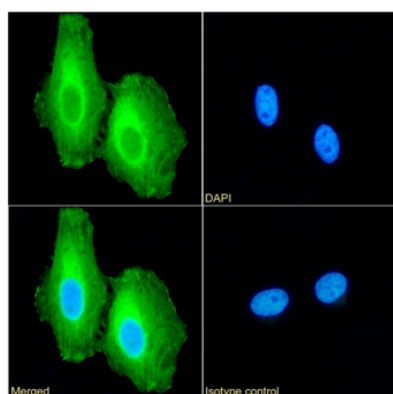
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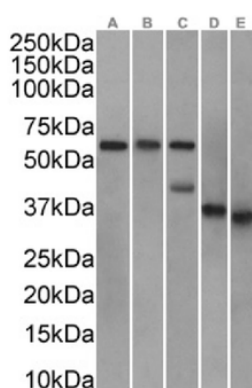
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Flow cytometry using the Anti-CLU antibody SAIC-43B-8. Paraformaldehyde fixed HeLa cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (orb256458; isotype control, black line) or the rabbit IgG version of SAIC-43B-8 (orb1089974, 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.



Immunofluorescence staining of HeLa cells with anti-CLU SAIC-43B-8. Immunofluorescence analysis of paraformaldehyde fixed HeLa cells permeabilized with 0.15% Triton stained with the chimeric rabbit IgG version of SAIC-43B-8 (orb1089974) (1:100 dilution) for 1h followed by Alexa Fluor® 488 secondary antibody (1:1000 dilution), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom orb1089974, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody (orb256458) followed by staining with Alexa Fluor® 488 secondary antibody.



Western Blot using anti-CLU antibody SAIC-43B-8. HeLa(A) (0.03 µg/ml), MCF7(B) (0.01 ug/ml) cell lysate and human brain cerebellum(C) (0.03 ug/ml), human plasma (D) (0.03 ug/ml) and human testes(E) (0.03 ug/ml) tissue lysates (35 µg protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of SAIC-43B-8 (orb1089974) before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

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