

Product Datasheet

Anti-EGFR [2F8 (Zalutumumab; HuMax-EGFR)] (orb1152477)

Catalog Number	orb1152477
Description	Human monoclonal antibody to EGFR
Species/Host	Human
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, FC, WB
Immunogen	The original monoclonal antibody was generated by immunizing HuMAb mice with alternating A431 cells and purified EGFR administration.
Target	EGFR
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	IgG1
Clonality	Monoclonal
Clone Number	2F8 (Zalutumumab; HuMax-EGFR)
Purity	Purified
Uniprot ID	P00533

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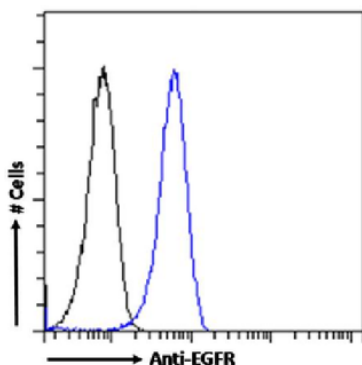
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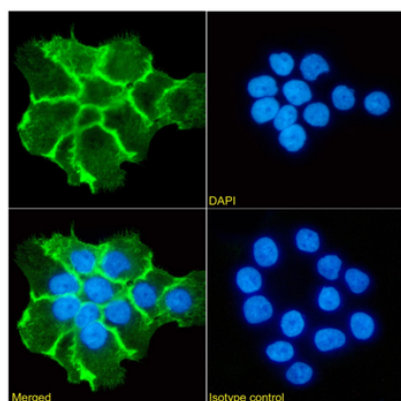
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Expiration Date

12 months from date of receipt.



Flow cytometry using the Anti-EGFR antibody 2F8 (Zalutumumab; HuMax-EGFR). Paraformaldehyde fixed A431 cells, permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (orb256458; isotype control, black line) or the rabbit IgG version of 2F8 (Zalutumumab; HuMax-EGFR) (orb1152476, 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 A431 cells with anti-EGFR 2F8 (Zalutumumab; HuMax-EGFR). Immunofluorescence analysis of paraformaldehyde fixed A431 cells stained with the chimeric rabbit IgG version of 2F8 (Zalutumumab; HuMax-EGFR) (orb1152476)(1:100 dilution) for 1h followed by Alexa Fluor® 488 secondary antibody (1:1000 dilution), showing cellular junction staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom: orb1152476, 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.

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