Product Datasheet

Anti-EGFRvIII [806] (orb1906394)

Catalog Number	orb1906394
Description	Anti-EGFRvIII [806]
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	FC, IHC, IP
Immunogen	The original antibody was generated by immunization of mice with NR6 mouse fibroblasts expressing the truncated de2–7 EGFR.
Target	EGFRvIII
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	IgG2b
Clonality	Monoclonal
Clone Number	806
Uniprot ID	P00533
Expiration Date	12 months from date of receipt.

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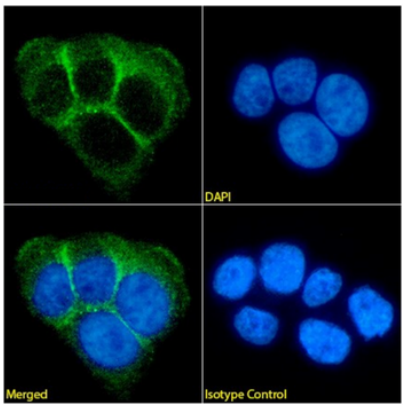
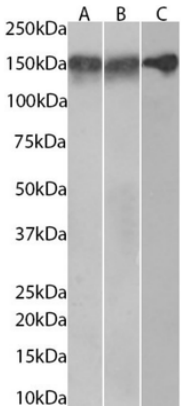


Immunofluorescence staining of A431 cells with anti-EGFRvIII antibody 806. Immunofluorescence analysis of paraformaldehyde fixed A431 cells on Shi-fix™ coverslips stained with the chimeric rabbit IgG version of 806 (orb1906395) (1:100 dilution) for 1h followed by Alexa Fluor® 488 secondary antibody (1:1000 dilution), showing cell junction staining. The nuclear stain is DAPI (blue). Panels show, from left-right, top-bottom, orb1906395, 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-EGFRvIII antibody 806. A431 (A) (0.003 µg/ml), HeLa (B) (0.3 µg/ml), and MDA-MB-231 (C) (0.1 µg/ml) cells lysates (35 µg protein in RIPA buffer) were resolved via SDS-PAGE, and the subsequent blots were probed with the chimeric rabbit version of 806 (orb1906395) at the mentioned respective concentrations before detection using an anti-rabbit secondary antibody. A primary incubation of 1 hour was used, and proteins were detected by chemiluminescence.

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