EGF Receptor Antibody [clone B1D8] (V2106)

Catalog No.	Formulation	Size
V2106-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2106-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2106SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (3) **Bulk quote request**

Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	B1D8
Purity	Protein G purified monoclonal antibody
Buffer	1X PBS, pH 7.4
Gene ID	1956
Localization	Cell surface
Applications	Affinity purification (order BSA/sodium azide-free format for coupling) Blocks ligand-induced activation of EGFR Inhibits proliferation of A431 cells (order BSA/azide-free format) Arrests tumor growth in vivo (order BSA/azide-free format) Immunoprecipitation: 1-2ug/500ug protein lysate Flow cytometry: 0.5-1ug/10^6 cells
Limitations	This **EGF Receptor antibody** is available for research use only.



Description

This antibody reacts with the extracellular domain of EGF receptor and blocks the EGF/TGFa-induced activation. It also blocks tumor growth in vivo. It is excellent for purification of EGF receptor.EGFR is type I receptor tyrosine kinase with sequence homology to ErbB2, -3 -4 or HER2, -3 -4. It binds to Epidermal Growth Factor (EGF), Transforming Growth Factor-a (TGFa), Heparin-binding EGF (HB-EGF), amphiregulin, betacellulin and epiregulin.

Explore our EGFR Antibody (31G7) page for a broader view of EGFR expression and extensively validated antibody performance across applications.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the antibody to be titered up or down for optimal performance.

Immunogen

Microsomes from A431 cells were used as the immunogen for this antibody.

Storage

Store the EGF Receptor antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

ErbB1; Errp; HER1; mENA; PIG61; Proto-oncogene c-ErbB1; Receptor Tyrosine Protein Kinase; Urogastrone; Wa2; Wa5, EGF Receptor antibody

References (2)

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