

Anti-EGFR [ICR10]

Catalogue number: 153386

Sub-type: Primary antibody

Images:

Contributor

Inventor: Chris Dean

Institute: The Institute of Cancer Research

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-EGFR [ICR10]

Alternate name: ERBB1; HER1; epidermal growth factor receptor; ERBB; mENA; PIG61

Class: Monoclonal

Conjugate: Unconjugated

Description: The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. Multiple alternatively spliced transcript variants that encode different protein isoforms have been found for this gene.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Human

Selectivity:

Host: Rat

Immunogen: Extracellular domain of human EGF-receptor from head and neck carcinoma

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: FACS: A431 cells IHC: Breast Carcinoma tissue WB: HN5 cell lysate

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: EGFR

Target alternate names:

Target background: The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. Multiple alternatively spliced transcript variants that encode different protein isoforms have been found for this gene.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Su et al. 2015. J Cell Sci. 128(22):4063-73. PMID: 26430213. ; Regulation of polycystin-1 ciliary trafficking by motifs at its C-terminus and polycystin-2 but not by cleavage at the GPS site. ; von Philipsborn et al. 2014. Curr Biol. 24(3):242-51. PMID: 24440391. ; Cellular and behavioral functions of fruitless isoforms in Drosophila courtship. ; Coleman et al. 2011. J Biol Chem. 286(19):17205-16. PMID: 21454556. ; Critical role of the beta-subunit CDC50A in the stable expression, assembly, s...

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