Anti-EGFR [F4]

Catalogue number: 151097
Sub-type: Primary antibody
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-EGFR [F4]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: The EGFR family of type I growth factor receptor tyrosine kinases includes EGFR (HER1), c-erbB2 (HER2; neu), c-erbB3 (HER3) and c-erbB4 (HER4). Dysregulation of EGFR signaling as a consequence of overexpression, amplification and mutation of the EGFR gene occurs frequently in several types of cancers and many become dependent on EGFR signaling to maintain their malignant phenotypes.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1 kappa
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Synthetic peptide (residues 985 to 996 of human EGFR) coupled to keyhole limpet hemocyanin.
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:

Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Epidermal Growth Factor Receptor (EGFR, Her1)

Target alternate names:

Target background: The EGFR family of type I growth factor receptor tyrosine kinases includes EGFR (HER1), c-erbB2 (HER2; neu), c-erbB3 (HER3) and c-erbB4 (HER4). Dysregulation of EGFR signaling as a consequence of overexpression, amplification and mutation of the EGFR gene occurs frequently in several types of cancers and many become dependent on EGFR signaling to maintain their malignant phenotypes.

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; IP ; RIA
Application notes:

Handling

Format: Liquid
Concentration: 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: Lustosa et al. 2014. ScientificWorldJournal. 2014:102541. PMID: 24737953. ; Expression profiling using a cDNA array and immunohistochemistry for the extracellular matrix genes FN-1, ITGA-3, ITGB-5, MMP-2, and MMP-9 in colorectal carcinoma progression and dissemination. ; McInroy et al. 2011. Exp Cell Res. 317(17):2468-78. PMID: 21821021. ; Plectin regulates invasiveness of SW480 colon carcinoma cells and is targeted to podosome-like adhesions in an isoform-specific manner. ; Gaggioli et al. 2007. Nat Cell Biol. 9(12):1392-400. PMID: 18037882. ; Fibroblast-led collective invasion of carcinoma cells with differing roles for RhoGTPases in leading and following cells.