Anti-ErbB4 [HFR1]

Catalogue number: 151215
Sub-type: Primary antibody
Images:

Contributor

Inventor: Bill Gullick
Institute: Imperial Cancer Research Fund
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-ErbB4 [HFR1]

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). c-erbB4 is involved in cell growth regulation and its expression or function may be altered in human cancers.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2b
Reactivity: Human ; Mouse
Selectivity:
Host: Mouse
Immunogen: Synthetic peptide sequence RSTLQHPDYLQEYST from the cytoplasmic domain of the protein (residues 1249-1264.)
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:

Selectable markers:
Additional notes:

Target details

Target: ErbB4 (Her4, p180erbB4)

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). c-erbB4 is involved in cell growth regulation and its expression or function may be altered in human cancers.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC ; IF ; IP ; WB
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: Smith et al. 2011. Immunology. 132(2):256-65. PMID: 21039468. ; Sato et al. 2010. Mod Pathol. 23(11):1458-66. PMID: 20657552. ; Mono- and tri-cationic porphyrin-monoclonal antibody conjugates: photodynamic activity and mechanism of action. ; Iohara et al. 2008. Stem Cells. 26(9):2408-18. PMID: 18583536. ; Crisan et al. 2008. Cell Stem Cell. 3(3):301-13. PMID: 18786417. ; A perivascular origin for mesenchymal stem cells in multiple human organs. ; A novel stem cell source for vasculogenesis in ischemia: subfraction of side population cells from dental pulp. ; Pruszak et al. 2007. Stem Cells. 25(9):2257-68. PMID: 17588935. ; Pruszak et al. 2007. Stem Cells. 25(9):2257-68. PMID: 17588935. ; Markers and methods for cell sorting of human embryonic stem cell-derived neural cell populations. ; Kuzu et al. 1993. Lab Invest. 69(3):322-8. PMID: 7690867. ; Expression of adhesion molecules on the endothelium of normal tissue vessels and vascular tumors.