

Product Datasheet

ErbB4 (HER4) Antibody

Catalog No: CY5029

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, ICC, FC, IP



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Information

UniProt ID: Q15303

All Names: EC 2.7.10.1; p180erbB4; ERBB4; HER4; kinase ErbB4

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 160 kDa

Application

WB: 1:500~1:2000

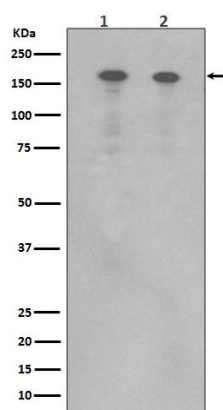
ICC: 1:50~1:200

FC: 1:40

IP: 1:30

Background

The HER4/ERBB4 gene is a member of the type I receptor tyrosine kinase subfamily that includes EGFR (MIM 131550), ERBB2 (MIM 164870), and ERBB3 (MIM 190151). It encodes a receptor for NDF/hereregulin (MIM 142445). The ERBB4 soluble intracellular domains (4ICD) colocalize with STAT5A at the CSN2 promoter to regulate transcription of milk proteins during lactation. The ERBB4 soluble intracellular domains can also translocate to mitochondria and promote apoptosis.



Western blot analysis of ErbB4 (HER4) expression in (1) Human brain cell lysate; (2) MCF-7 cell lysate.

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