

Anti-ERBB4 antibody

Cat. No.	ml263229
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ERBB4 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human ERBB4
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ERBB4
Full name	erb-b2 receptor tyrosine kinase 4
Synonyms	HER4; ALS19; p180erbB4
Swissprot	Q15303

Target Background

This gene is a member of the Tyr protein kinase family and the epidermal growth factor receptor subfamily. It encodes a single-pass type I membrane protein with multiple cysteine rich domains, a transmembrane domain, a tyrosine kinase domain, a phosphatidylinositol-3 kinase binding site and a PDZ domain binding motif. The protein binds to and is activated by neuregulins and other factors and induces a variety of cellular responses including mitogenesis and differentiation. Multiple proteolytic events allow for the release of a cytoplasmic fragment and an extracellular fragment. Mutations in this gene have been associated with cancer. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.

订购热线: 4008-898-798

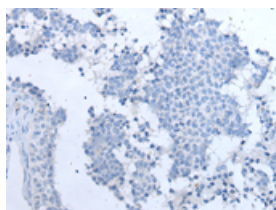
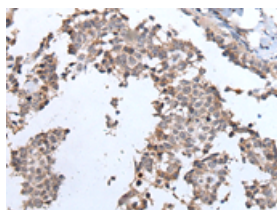
Applications

Immunohistochemistry

Predicted cell location: Nucleus or Cell membrane

Positive control: Human ovarian cancer

Recommended dilution: 20-100

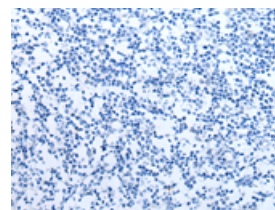
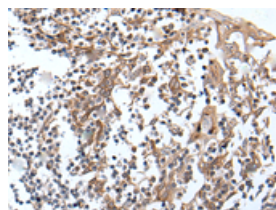


The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml263229(ERBB4 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Nucleus or Cell membrane

Positive control: Human tonsil

Recommended dilution: 20-100



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml263229(ERBB4 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 5000-10000

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