

Datasheet for ABIN5542589  
**anti-ERBB4 antibody (AA 1159-1308)**

## 5 Images

[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	ERBB4
Binding Specificity:	AA 1159-1308
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ERBB4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Purified recombinant fragment of human ERBB4 (AA: 1159-1308) expressed in E. coli.
Clone:	5G6B4
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	ERBB4
Alternative Name:	ERBB4 ( <a href="#">ERBB4 Products</a> )
Background:	Description: This gene is a member of the Tyr protein kinase family and the epidermal growth

## Target Details

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.,  
Aliases: HER4, ALS19, p180erbB4

Molecular Weight:	146.8 kDa
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Gene ID:	2066
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HGNC:	2066
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Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a>
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## Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: , FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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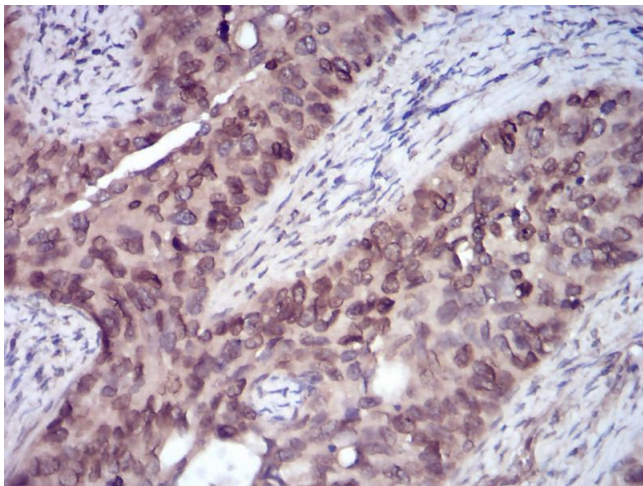
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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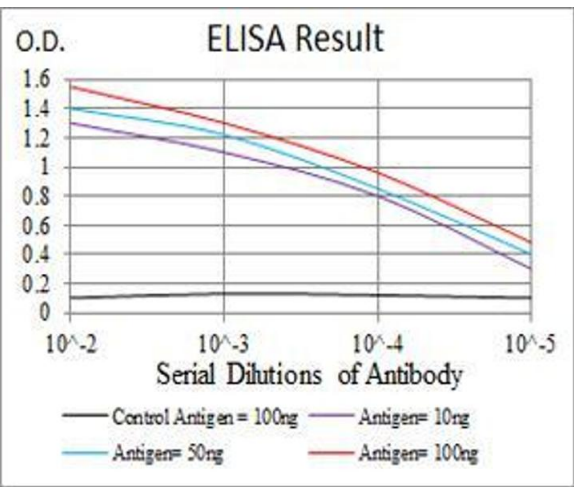
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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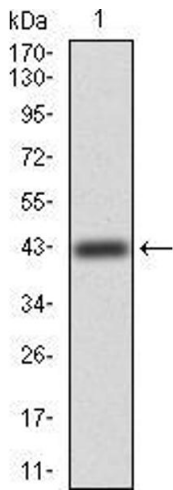
### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using ERBB4 mouse mAb with DAB staining.



### ELISA

**Image 2.** Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



### Western Blotting

**Image 3.** Western blot analysis using ERBB4 mAb against human ERBB4 (AA: 1159-1308) recombinant protein. (Expected MW is 43.3 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542589.