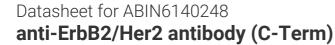
# antibodies .- online.com









# Overview

Quantity:	100 μL
Target:	ErbB2/Her2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ErbB2/Her2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1160 to the C-terminus of
	human HER2 / ErbB2 (NP_004439.2).
Sequence:	ARPAGATLER PKTLSPGKNG VVKDVFAFGG AVENPEYLTP QGGAAPQPHP PPAFSPAFDN
	LYYWDQDPPE RGAPPSTFKG TPTAENPEYL GLDVPV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## **Target Details**

Format:

Buffer:

Target:	ErbB2/Her2
Alternative Name:	ErbB2 (ErbB2/Her2 Products)
Background:	This gene encodes a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. This protein has no ligand binding domain of its own and therefore cannot bind growth factors. However, it does bind tightly to other ligand-bound EGF receptor family members to form a heterodimer, stabilizing ligand binding and enhancing kinase-mediated activation of downstream signalling pathways, such as those involving mitogen-activated protein kinase and phosphatidylinositol-3 kinase. Allelic variations at amino acid positions 654 and 655 of isoform a (positions 624 and 625 of isoform b) have been reported, with the most common allele, Ile654/Ile655, shown here. Amplification and/or overexpression of this gene has been reported in numerous cancers, including breast and ovarian tumors. Alternative splicing results in several additional transcript variants, some encoding different isoforms and others that have not been fully characterized.,ERBB2,CD340,HER-2,HER-2/neu,HER2,MLN 19,NEU,NGL,TKR1,erb-b2 receptor tyrosine kinase 2,HER2/ErbB2,ErbB2,MLN19,Cancer,Tumor immunology,Tumor-associated antigens,Tumor biomarkers,Signal Transduction,Kinase,Tyrosine kinases,ErbB-HER Signaling Pathway,Cell Biology & Developmental Biology,Growth factor,EGF,Immunology & Inflammation,CD markers,Cardiovascular,Angiogenesis,ErbB2
Molecular Weight:	62 kDa/70 kDa/97 kDa/134 kDa/136 kDa/137 kDa
Gene ID:	2064
UniProt:	P04626
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Skeletal Muscle Fiber Development
Application Details	
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only
Handling	

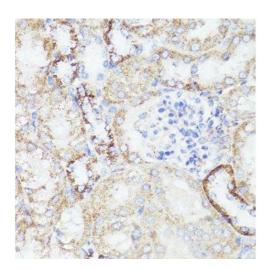
PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Liquid

## Handling

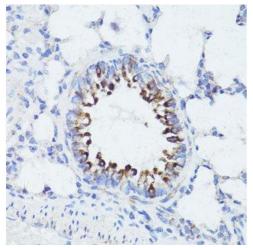
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

# Images



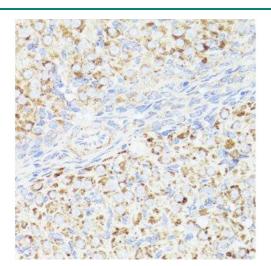
#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded mouse kidney using ErbB2 antibody.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded rat lung using ErbB2 antibody.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded rat ovary using ErbB2 antibody.

Please check the product details page for more images. Overall 6 images are available for ABIN6140248.