

PRODUCT INFORMATION

Clone ID 131A1
Target HER3

Synonyms HER3; ERBB3

Host Species Rabbit

DescriptionBiotinylated Anti-HER3 antibody(131A1), Rabbit

mAb

Delivery 2-3 weeks
Uniprot ID P21860
IgG type Rabbit IgG
Clonality Monoclonal
Reactivity Human
Applications IHC

Recommended

Storage & Shipping

Background

Dilutions IHC 1:200

PurificationPurified from cell culture supernatant by affinity

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

témperature.

This gene encodes a member of the epidermal growth factor receptor (EGFR) family of receptor tyrosine kinases. This membrane-bound protein has a neuregulin binding domain but not an active kinase domain. It therefore can bind this ligand but not convey the signal into the cell through protein phosphorylation. However; it does form heterodimers with other EGF receptor family members which do have kinase activity. Heterodimerization leads to the activation of pathways which lead to cell proliferation or

differentiation. Amplification of this gene and:or overexpression of its protein have been reported in numerous cancers; including prostate; bladder; and breast tumors. Alternate transcriptional splice variants encoding different isoforms have been

characterized. One isoform lacks the

intermembrane region and is secreted outside the cell. This form acts to modulate the activity of the membrane-bound form. Additional splice variants have also been reported; but they have not been

thoroughly characterized.

Usage Research use only

Conjugate Biotinylated

All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

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actively scrutinizing all patent application to

ensure no IP infringement.

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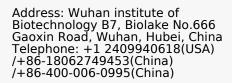
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Biotinylated Anti-HER3 antibody(131A1), Rabbit mAb

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