

## **PRODUCT INFORMATION**

Clone ID 131A1 **Target** HFR3

**Synonyms** HER3; ERBB3

**Host Species** Rabbit

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

**Delivery** In Stock **Uniprot ID** P21860 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human Applications IHC

Recommended

IHC 1:200 **Dilutions** 

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Formulation & Reconstitution

Background

Conjugate

Storage & Shipping

Lyophilized from sterile PBS, pH 7.4. Normally 5 % 8% trehalose is added as protectants before 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 temperature.

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.

Unconjugated

Usage Research use only

> 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

actively scrutinizing all patent application to

ensure no IP infringement.

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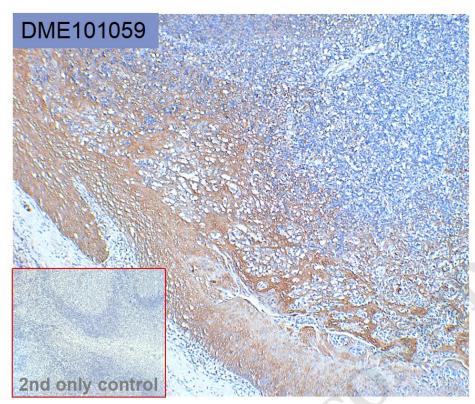


Figure 1. DME101059 at 5μg/ml staining Her3 in human tonsil tissue by IHC (SKU# DME101059).

