Cat. No. DME100175



PRODUCT INFORMATION

Clone ID DM175 **Target** HFR3

Synonyms HER3; ERBB3

Host Species Rabbit

Description Anti-Her3 antibody(DM175); Rabbit mAb

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

Applications ELISA; Flow Cyt

Recommended

ELISA 1:5000-10000; Flow Cyt 1:100 **Dilutions**

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

chromatography

Formulation & Reconstitution

Background

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.

Usage Research use only Conjugate Unconjugated

> 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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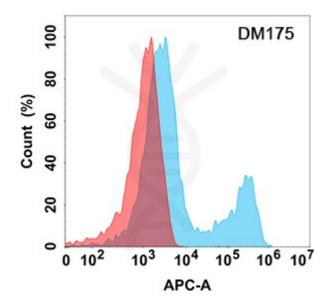
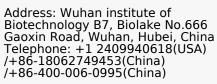


Figure 1. Flow cytometry analysis with Anti-Her3 (DM175) on Expi293 cells transfected with human Her3 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



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