

PRODUCT INFORMATION

Clone ID 55A1 HER3 **Target**

ERBB3; FERLK; LCCS2; VSCN1; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; c-erbB-3; p180-ErbB3; p45-**Synonyms**

sErbB3; p85-sErbB3

Host Species Rabbit

Description Anti-Her3 antibody(55A1), Rabbit mAb

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

Applications IHC; Flow Cyt

Recommended

Reconstitution

Background

Storage & Shipping

Dilutions

IHC 1:100; Flow Cyt 1:100

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

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation &

 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. [provided by RefSeq, Jul

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Usage Research use only Unconjugated Conjugate

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Cat. No. DME100580



DIMA Disclaimer

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.

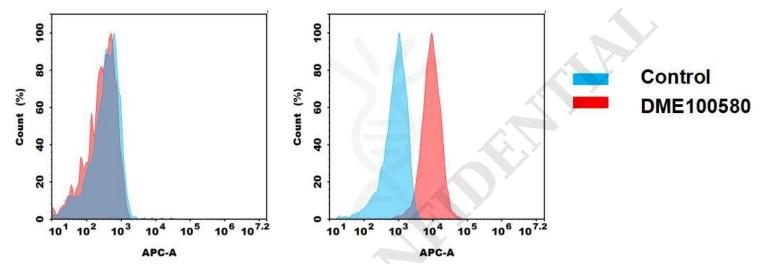


Figure 1. Flow cytometry analysis of antigen binding of anti-human Her3 mAb(DME100580).

(A) DME100580 does not bind to 293T cells that do not express Her3
(B) A clear peak shift of DME100580 was seen compared to the control when incubated with Her3-expressing Huh7 cells, indicating strong binding of DME100580 to Her3.

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Antibodies were incubated at 10 µg/mL.

