

PRODUCT INFORMATION

Clone ID	DMC369
Target	Her2
Synonyms	ERBB2;CD340;HER-2:neu;HER2;MLN19;NEU;NGL;TKR1
Host Species	Rabbit
Description	PE-conjugated Anti-HER2 antibody(DMC369); IgG1 Chimeric mAb
Delivery	3-4 weeks
Uniprot ID	P04626
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Liquid□PBS with 0.05% Proclin300, 1% BSA
Storage & Shipping	Store at 2°C-8°C for 6 months
Background	<p>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.</p>
Usage	Research use only
Conjugate	PE-conjugated

