

## Product datasheet for **TA386268**

### Her2 (ERBB2) Mouse Monoclonal Antibody [Clone ID: FWP51]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	FWP51
Applications:	FC, IF, IP
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	20x10 <sup>6</sup> SKBR3 human breast tumour cells were injected into BALB/c mice. The hybridomas generated from the mice spleen cells were then screen for antibodies reactive to c-erbB-2 using immunofluorescence and immunoprecipitation.
Specificity:	FWP51 binds to the extracellular domain of c-erbB-2.

Immunofluorescence and immunoprecipitation were used to confirm the specificity of FWP51 for c-erbB-2 (Harwerth et al, 1992). Flow cytometry showed that FWP51 binds the extracellular domain of c-erbB-2 (Harwerth et al, 1992). FWP51 has also been fused to the bacterial toxin, exotoxin A. The resultant fusion protein Fv(FWP51)-ETA selectively inhibited protein synthesis in cells expressing high levels of human c-erbB-2 protein, but not in cells expressing little to no human c-erbB-2 protein. Administration of FWP51 to mice impanted with human erbB-2 transformed NIH3T3 cells led to inhibition of the onset of tumour growth (Harwerth et al, 1993).

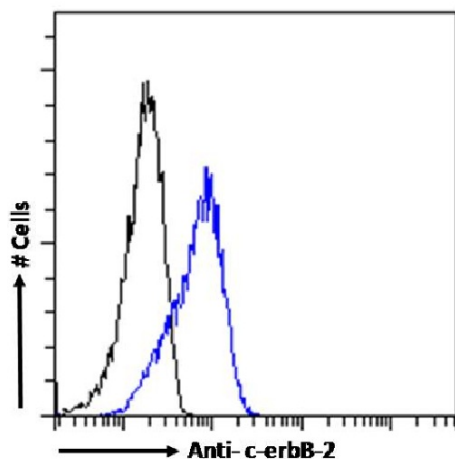
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	erb-b2 receptor tyrosine kinase 2
Database Link:	<a href="#">Entrez Gene 2064 Human P04626</a>



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Synonyms: C-erbB-2; CD340; erbB-2; HER-2; HER-2/neu; HER2; herstatin; NEU; NGL; p185erbB2; TKR1

### Product images:



Flow cytometry using the Anti-c-erbB-2 antibody FWP51 (TA386268). Paraformaldehyde fixed MCF7 cells were stained with anti-unknown specificity antibody ([TA385783]; isotype control, black line) or the mouse IgG1 version of FWP51 (TA386268, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-mouse IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.