

## Anti-Her2/ERBB2 Antibody (9I942)

### Product Details

Ig Type:	Mouse IgG2b
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9I942
Purification:	Protein A

### Applications

Anti-ERBB2 mouse monoclonal antibody at 1:500 dilution.

-Lane A: SK-BR-3 Whole Cell Lysate.

-Lane B: Hela Whole Cell lysate.

-Lysates/proteins at 30 µg per lane.

Verified Activity:

-Secondary

-Goat Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution.

-Developed using the ECL technique.

-Performed under reducing conditions.

-Predicted band size:138 kDa

Application:

WB

Recommended

WB: 1:500-1:2000

### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: Recombinant Protein: Human Her2/ERBB2 Protein (TMPY-04538)

Antigen Species: Human

Synonyms: EGFR2;erb-b2 receptor tyrosine kinase 2

Biology Area: Cancer Drug Targets, Receptor Tyrosine Kinases (RTKs)

### Research Background

Human epidermal growth factor receptor 2 (HER2), also known as ErbB2, NEU, and CD340, is a type I membrane glycoprotein and belongs to the epidermal growth factor (EGF) receptor family. HER2 protein cannot bind growth factors due to the lacking of ligand binding domain of its own and autoinhibited constitutively. However, HER2 forms a heterodimer with other ligand-bound EGF receptor family members, therefore stabilizes ligand binding and enhances kinase-mediated activation of downstream molecules. HER2 plays a key role in development, cell proliferation and differentiation. HER2 gene has been reported to associate with malignancy and a poor prognosis in numerous carcinomas, including breast, prostate, ovarian, lung cancers and so on. Cancer Immunotherapy/Immune Checkpoint/Immunotherapy/Targeted Therapy

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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