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Bhubaneswar, Odisha - 751024, INDIA

## 11-7565: Polyclonal Antibody to HER2

Clonality: Polyclonal

WB Application: Reactivity: Human ERBB2 Gene: Gene ID: 2064 P04626 **Uniprot ID:** Format: Purified

**Alternative Name:** HER2, MLN19, NEU, NGL

Isotype: Rabbit IgG

A partial length recombinant HER2 protein (amino acids 300-550) was used as the immunogen for Immunogen Information:

this antibody.

## **Description**

HER2, a known proto-oncogene, is located at the long arm of human chromosome 17 (17q12), encoding a type 1 tyrosine kinase growth factor receptor and the role of HER2 in the development of numerous types of human cancer. HER2 is a transmembrane receptor comprising an extracellular domain (ECD), a single transmembrane domain, and an intracellular domain (ICD) with tyrosine-kinase activity. The high-expression and amplification of C-erbB-2 and its protein products (P185) are found in a wide variety of tumors. HER2 is overexpressed in 10% to 35% of gastric and gastroesophageal junction (GEJ) adenocarcinomas.

## **Product Info**

Amount: 25 μg / 100 μg

**Purification:** Protein A Chromatography

25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium Content:

azide is highly toxic.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

## **Application Note**

Western blot analysis: 1-2 µg/ml

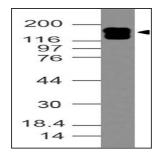


Fig-1: Western blot analysis of HER2. Anti-HER2 antibody (11-7565) was used at 1 µg/ml on SKBR3 lysate.