

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

11-7565: Polyclonal Antibody to HER2

Clonality: Polyclonal

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

Alternative Name: HER2, MLN19, NEU, NGL

Isotype: Rabbit IgG

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

immunogen for 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

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

azide is highly toxic.

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

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 1-2 µg/ml

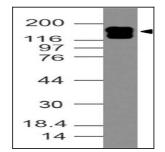


Fig-1: Western blot analysis of HER2. Anti-HER2 antibody (11-7565) was used at 1 μg/ml on SKBR3 lysate.