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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

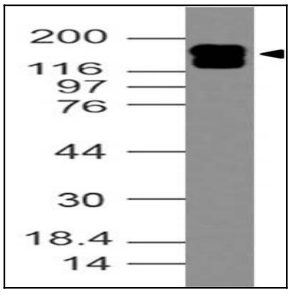


Fig-1: Western blot analysis of HER2. Anti-HER2 antibody (11-7565) was used at 1 µg/ml on SKBR3 lysate.

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