Immunogen Data

Description: HER3 is a receptor tyrosine kinase (RTK) which belongs to the ErbB family of membrane RTKs. It has been involved in important developmental processes, such as heart and peripheral nervous system development. In addition, this receptor has also been implicated in the pathophysiology of several types of tumours.

Immunogen: fusion protein corresponding to an internal sequence of human HER3.

Alternative names: c-ErbB-3, Receptor tyrosine-protein kinase erbB-3

UniProt ID: P21860

Mol. Weight: 180 kD

Antibody Data

Host: rabbit
Clonality: polyclonal

Species Reactivity: rat, mouse and human

Concentration: serum Volume: 100 μl
Purity: serum

Storage Buffer: serum with sodium azide 0.05%.

Storage Instructions: Store at 4°C.

Applications

Tested Applications: The HER3 antibody is recommended for detection of HER3 of mouse, rat and human origin by Western Blotting, immunoprecipitation, and immunofluorescence.

Recommended Dilutions:

WB: 1/5000
IP: 1 μl/sample
IHC/IF: 1/100

Western blot analysis of HER3 expression using 50 micrograms of human MCF7 and BT474 whole cell extracts.

Immunoprecipitation and Western blot analysis of HER3 expression using 500 micrograms of human MCF7 and BT474 cell extracts.

Immunofluorescent staining of human MCF7 cells with the anti-HER3 antibody. The anti-HER3 antibody (in red) stains the plasma membrane. The cell nuclei are stained blue with DAPI.
References:

