

## PRODUCT INFORMATION SUMMARY

### Anti-Human Heregulin Beta-1

|                   |                |         |         |
|-------------------|----------------|---------|---------|
| Purified Antibody | Product Number | RHF719  | 0.1 mg  |
| Biotin Conjugate  | Product Number | RHF719B | 50.0 ug |

#### SPECIFICITY:

**Rabbit** polyclonal antibody specific for Human Heregulin Beta-1. These polyclonal antibodies were raised against highly purified recombinant Heregulin Beta-1, and further purified using antigen-affinity chromatography.

**SOURCE:** **Rabbit** antiserum, Purified by Antigen-Affinity Chromatography, to produce highly specific, high titre preparation.

**NEUTRALIZING ACTIVITY:** Antibody concentration of 1.0 ug/mL achieved 50% inhibition of 1.0 ng/mL of human Heregulin Beta-1.

**ELISA:** Antibody concentration of 0.5 ug/mL - 1.5 ug/mL (100 uL per well) was used to detect 0.2 ng/well Heregulin Beta 1. For **Biotin conjugate**, use at 0.1 - 0.5 ug/mL (optimize all concentrations).

**WESTERN BLOT:** Antibody concentration of 0.2 ug/mL used to detect 2.0 ng /lane of recombinant Heregulin beta-1 under both reducing and non-reducing conditions.

**IHC:** Observed to react with formalin-fixed, paraffin-embedded tissue of human breast. Antibody concentration approx 100.0 ug/mL, with overnight incubation, and antigen retrieval using heat/ sodium citrate buffer and HRP detection system.

#### HANDLING AND STORAGE:

Lyophilized, purified antibody should be upon reconstituted with 0.5 ml of distilled ( or sterile) water. . **For Biotin conjugate, reconstitute in 500 uL sterile water containing 0.1% BSA.** Lyophilized reagents should be stored at -20° C until reconstitution. For long-term storage, store frozen at -20° C, in small aliquots, at high concentration. Purified anti-Heregulin Beta-1 is provided free of stabilizing agents and preservatives to facilitate use in functional and immunological assays.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the product label description.

**RESEARCH USE ONLY NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.**