

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: R01605 **Lot #:** 2D11520

Description: HER2 / ErbB2 Recombinant
Human Epidermal Growth Factor Receptor 2 (HER2) Recombinant
Also known as: CD340, HER2/neu and c-erbB2.

This protein contains a polyhistidine tag at its C-Terminus. Molecular weight calculated from the amino acid sequence is 70.2 kDa. When reduced by Dithiothreitol (DTT), this protein will migrate as 110-115 kDa in SDS-PAGE due to glycosylation. Accession # AAA75493 (Thr 23-Thr 652).

Source: Human 293 Cells (HEK293)

Format: Purified, Lyophilized

Purification: > 95% Pure (SDS-PAGE)

Concentration: Not Applicable

Buffer: Prior to lyophilization: Phosphate Buffer Saline, pH 7.4 with Mannitol or Trehalose.

Reconstitution: Reconstitute with 500 µL sterile deionized water for a 200 µg/mL concentration. Allow 30 to 60 minutes at room temperature with occasional gently mixing to go into solution. Do not shake or vortex.

Preservative: None

Applications: Suitable for use in ELISA. R01605 immobilized at 2.5 µg/mL (100 µL/well) can bind Herceptin® with a linear range of 0.05 to 5 ng/mL. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Lyophilized product should be stored at ≤ -20°C for long term storage. After reconstitution, aliquot and store at -20°C or -70°C. Avoid multiple/freeze thaw cycles.

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.



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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY