

# Trastuzumab Deruxtecan Biosimilar - Research Grade

**Product Code:** ICH4013D

**More Information**

**Species Reactivity:** Human

**Target:** ERBB2 / HER2 / CD340

**Concentration:** 1mg/ml

**Isotype:** IgG1

**Host:** CHO Cells

**product name H2:** Trastuzumab Deruxtecan Biosimilar - Research Grade

**UniProt:** P04626

**Shipping Conditions:** Room Temp

**background:** HER2 (ERBB2/CD340) is a clinically validated oncology target and a leading scaffold for antibody-drug conjugate research. This research-grade reagent is an unconjugated, non-therapeutic analog of trastuzumab deruxtecan, built around the HER2 target and intended strictly for research use only. Validated for functional assays and manufactured to in vivo standards as an ultra-pure, low-endotoxin IgG1, it is supplied in scalable milligram to gram quantities for high-throughput and bulk laboratories. It is well suited to preclinical applications such as HER2-targeting and receptor-internalisation studies, in vitro screening, in vivo tumour models, and antibody-drug conjugate development.

**Other names:** Dxd

**Formulation:** 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)

**Purity:** >90% by SDS-PAGE



**Storage:** This biosimilar is stable when stored at 2-8°C. For longer term storage (> 3 months) it is recommended to store this antibody at -20°C or -70°C.

**Applications:** Functional Assays

**Application Notes:** Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.

**Use:** Products are for research use only. Not for use in diagnostic or therapeutic procedures.

**Delivery Time:** 1 week