

## Anti-trastuzumab (anti-idiotypic) [scFv40] Standard Size Ab00619-1.6

This is a Fab fragment with a his-tag.

This chimeric murine antibody was made using the variable domain sequences of the original human scFv format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse Fab fragment, His-Tagged, Lambda

**Clone Number:** scFv40

**Alternative Name(s) of Target:** human HER2 mimetic

**UniProt Accession Number of Target Protein:**

**Published Application(s):** immunogen, Block

**Published Species Reactivity:** Human

**Immunogen:** Trastuzumab F(ab')<sub>2</sub> fragments.

**Specificity:** This antibody recognises the idiotype of trastuzumab, mimicking HER2 epitopes.

**Application Notes:** This antibody binds to the idiotype of trastuzumab mimicking HER2 epitopes. In a murine in vivo model this antibody was able to elicit anti-HER2 antibodies which protected against HER2-positive SK-OV-3 tumour cells.

**Antibody First Published in:** Ladjemi et al. Vaccination with human anti-trastuzumab anti-idiotypic scFv reverses HER2 immunological tolerance and induces tumor immunity in MMTV.f.huHER2(Fo5) mice. Breast Cancer Res. 2011 Feb 4;13(1):R17. [PMID:21294885](#)

**Note on publication:** Vaccination with human anti-trastuzumab anti-idiotypic scFv reverses HER2 immunological tolerance and induces tumor immunity in MMTV.f.huHER2(Fo5) mice.

### Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:**

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.