

## Anti-MK2-23 [GH1002] Standard Size Ab00470-10.0

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

**Isotype and Format:** Human IgG1, Kappa

**Clone Number:** GH1002

**Alternative Name(s) of Target:** MK2-23 idiotype; anti-idiotypic monoclonal antibody MK2-23

**UniProt Accession Number of Target Protein:**

**Published Application(s):** Block

**Published Species Reactivity:** Mouse

**Immunogen:** Monoclonal antibody MK2-23.

**Specificity:** The antibody binds to the monoclonal antibody MK2-23 with an affinity of 25 nM.

**Application Notes:** The antibody binds specifically to MK2-23, an idiotypic monoclonal antibody known to induce immunity in patients with malignant melanoma.

**Antibody First Published in:** Ban N, Day J, Wang X, Ferrone S, McPherson A. Crystal structure of an anti-anti-idiotypic shows it to be self-complementary. J Mol Biol. 1996 Feb 2;255(4):617-27. [PMID:8568901](#)

**Note on publication:** Describes the structural characterisation of the Fab fragment of the mouse anti-anti-idiotypic monoclonal antibody GH1002. Also describes the interaction between GH1002 and the anti-idiotypic monoclonal antibody MK2023.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**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.