

## Anti-ROBO-1 [B2212A] Standard Size Ab00398-1.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This full-length, reformatted mouse antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG1, Fc Silent™, Kappa

**Clone Number:** B2212A

**Alternative Name(s) of Target:** Roundabout-1

**UniProt Accession Number of Target Protein:** Q9Y6N7

**Published Application(s):** WB, ELISA

**Published Species Reactivity:** Human

**Immunogen:** Human recombinant ROBO-1.

**Specificity:** The antibody binds specifically to the fn3-fibronectin domain of Human ROBO-1.

**Application Notes:** This antibody binds to human ROBO-1, a receptor for SLIT1 and SLIT2. ROBO-1 is involved in axonal navigation, lung development, and cell migration.

**Antibody First Published in:** Ito et al. Identification of ROBO1 as a novel hepatocellular carcinoma antigen and a potential therapeutic and diagnostic target. Clinical Cancer Research 2006; 12(11 Pt 1):3257-64 [PMID:16740745](#)

**Note on publication:** Describes the generation of monoclonal antibodies against new cell surface targets for treatment of hepatocellular carcinomas.

## 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.