

Anti-Thrombomodulin [QBEND/40] Standard Size Ab00975-10.0

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Kappa

Clone Number: QBEND/40

Alternative Name(s) of Target: CD141; TM; Fetomodulin; THRM; THPH12; AHUS6; BDCA3; QB END/40; QBEND-40; QBEN40

UniProt Accession Number of Target Protein: P07204

Published Application(s): WB, EM, FC, IF, IHC

Published Species Reactivity: Rabbit, Human

Immunogen: Raised against thrombomodulin.

Specificity: QBEND-40 specifically recognises thrombomodulin.

Application Notes: Immunomagnetic Dynabeads coated with the endothelial-specific MAb, QBEND-40, provided a rapid and reproducible method for purifying endothelial cells from mixed cell suspensions of first trimester decidual tissues. QBEND-40 was also used in immunohistochemical experiments to characterise endothelial cells (Drake 1991). Further, QBEND-40 has been used in immunofluorescence experiments with a fluorescent secondary antibody (Massi 2017), and in immunoscanning electron microscopy with secondary antibodies conjugated to gold particles (Wong 2008).

Antibody First Published in: Drake et al. Isolation of endothelial cells from human first trimester decidua using immunomagnetic beads Human Reproduction vol. 6 no.8 pp. 1156-1159, 1991 [PMID:1806577](#)

Note on publication: Describes the use of endothelial-specific monoclonal antibodies in the isolation of decidual endothelial cells.

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.