

Anti-CD147 [059-053] Bulk Size Ab04151-10.0-BT

Isotype and Format: Human IgG1, Lambda

Clone Number: 059-053

Alternative Name(s) of Target: 5F7; TCSF; Basigin; Collagenase stimulatory factor; Collagenase stimulatory factor; Extracellular matrix metalloproteinase inducer; EMMPRIN; Hepatoma-associated antigen; HAb18G; Leukocyte activation antigen M6; OK blood group antigen; Tumor cell-derived collagenase stimulatory factor

UniProt Accession Number of Target Protein: P35613

Published Application(s): ADCC

Published Species Reactivity: Human

Immunogen: The original antibody was isolated by panning a phage display library against CD147.

Specificity: The antibody is specific for CD147. CD147 acts as a retinal cell surface receptor for NXNL1 and plays an important role in NXNL1-mediated survival of retinal cone photoreceptors. Further, in association with glucose transporter SLC16A1/GLUT1 and NXNL1, promotes retinal cone survival by enhancing aerobic glycolysis and accelerating the entry of glucose into photoreceptors.

Application Notes: The IgG1 format of the antibody specifically bound to the cancer cells expressing CD147 (CCF-RC1, ACHN) and expresses the ADCC activity (US9388249B2).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.