Mouse CCDC134 Antibody

Monoclonal Rat IgG_{2A} Clone # 815606

Catalog Number: MAB7786

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse CCDC134 in direct ELISAs. In direct ELISAs, 100% cross-reactivity with recombinant human CCDC134 is observed.
Source	Monoclonal Rat IgG_{2A} Clone # 815606
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse CCDC134 Ala23-Leu229 Accession # Q8C7V8
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 μm filtered solution in PBS.

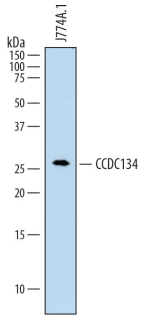
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA

Western Blot



Detection of Mouse CCDC134 by Western Blot. Western blot shows lysates of J774A.1 mouse reticulum cell sarcoma macrophage cell line. PVDF membrane was probed with 2 µg/mL of Rat Anti-Mouse CCDC134 Monoclonal Antibody (Catalog # MAB7786) followed by HRP-conjugated Anti-Rat IgG Secondary Antibody (Catalog # HAF005). A specific band was detected for CCDC134 at approximately 30 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE

Reconstitution	Sterile PBS to a final concentration of 0.5 mg/mL.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Coiled-coil domain containing 134 (CCDC134) is a widely expressed glycoprotein that is secreted as a 38 kDa molecule. CCDC134 overexpression inhibits kinase activity in the Raf-1/MEK/ERK and JNK/SAPK pathways. In humans, CCDC134 polymorphisms are associated with reduced levels of Amyloid beta peptide (1-42) in the cerebrospinal fluid, a potential biomarker for Alzheimer's disease. Alternative splicing of mouse CCDC134 generates a short isoform that lacks the N-terminal 37 amino acids including the signal peptide. Mouse CCDC134 shares 90% and 95% aa sequence identity with human and rat CCDC134, respectively.

bio-techne
bio-techne.com
Global info@bio-techne.com techsupport@bio-techne.com
North America TEL 800 343 7475 Europe | Middle East | Africa TEL +44 (0)1235 529449
China info.cn@bio-techne.com TEL +86 (21) 52380373
Rest of World bio-techne.com/find-us/distributors TEL +1 612 379 2956