Anti-CCL18 [AZN-CK18] Standard Size Ab01647-1.1

Isotype and Format: Mouse IgG1, Kappa

Clone Number: AZN-CK18

Alternative Name(s) of Target: DC-CKI; C-C motif chemokine 18; AMAC-1; MIP-4; CC chemokine PARC; Small-inducible cytokine A18; 3B8

UniProt Accession Number of Target Protein: P55774

Published Application(s): IP, ELISA, FC, IHC

Published Species Reactivity: Human

Immunogen: BALB/c mice were immunized with rhCCL18/DC-CK1 coupled to keyhole limpet hemocyanin weekly. After 5 weeks, splenocytes were isolated and used to obtain hybridomas.

Specificity: This antibody specifically reacts with CCL18 in both direct and sandwich ELISA (Lindhout et al, 2001, pmid:11207283) (van der Voort et al., 2005, pmid: 15713699). The antibody does not cross-react with MIP1α (CCL3), MIP1β (CCL4), HCC-1 (CCL14), TARC (CCL17), MDC (CCL22), MIP3β (CCL19), MCP-1 (CCL2), RANTES (CCL5), or MCP-3 (CCL7) (Lindhout et al, 2001, pmid:11207283) (van der Voort et al., 2005).

Application Notes: This antibody can be used both in direct and sandwich ELISA (van der Voort et al., 2005). The antibody was shown to work in immunohistochemistry (Lindhout et al, 2001). Immunopercipitation can be done using this antibody (van der Voort et al., 2005). The antibody is also reccomended for flow cytometry.

Antibody First Published in: van der Voort. et al Novel monoclonal antibodies detect elevated levels of the chemokine CCL18/DC-CK1 in serum and body fluids in pathological conditions. J Leukoc Biol. 2005 May;77(5):739-47 PMID:15713699

Note on publication: Describes the generation of the antibody and the specificity testing of the antibody.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.

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.