

IL34 Monoclonal Antibody

Description

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| Product type | Antibody |
| Code | BT-MCA4600 |
| Host | Mouse |
| Isotype | Mouse IgG1 |
| Size | 100µL, 50µL |
| Immunogen | Purified recombinant fragment of human IL34 expressed in E. Coli. |
| Mol wt | 27.5kDa |
| Species reactivity | Human |
| Clonality | Monoclonal |
| Recommended application | WB,ICC,FCM |
| Concentration | N/A |
| Full name | N/A |
| Synonyms | IL-34;C16orf77;MGC34647;IL34 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Cytokine that promotes the differentiation and viability of monocytes and macrophages. Stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1. Ligand for colony-stimulating factor-1 receptor CSF1R. Tissue specificity: Detected in the sinusoidal epithelium in the red pulp of spleen (at protein level). Predominantly expressed in spleen. Also detected in a range of other tissues including heart, brain, lung, liver, kidney, thymus, testis, ovary, small intestine, prostate and colon.

Recommended Dilution

WB: 1:500 - 1:2000

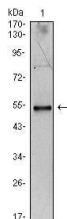
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

ELISA: 1:10000

Not yet tested in other applications.

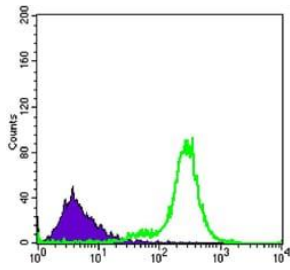
Images



Western blot analysis using IL34 mAb against IL34-hIgGFc transfected HEK293 cell lysate.



Immunofluorescence analysis of U251 cells using IL34 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of K562 cells using IL34 mouse mAb (green) and negative control (purple).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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