
Product Information

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| Product SKU: | CAB6127 | Gene ID: | 1437 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Human,Mouse,Rat |

Additional Information

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|-----------------------|-------|-------------------|--------------|
| Observed MW: | 16kDa | Conjugate: | Unconjugated |
| Calculated MW: | 16kDa | Isotype: | IgG |

Immunogen Information

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| Background: | The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q- syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13. This gene plays a role in promoting tissue inflammation. Elevated levels of cytokines, including the one produced by this gene, have been detected in SARS-CoV-2 infected patients that develop acute respiratory distress syndrome. Mice deficient in this gene or its receptor develop pulmonary alveolar proteinosis. |
| Recommended Dilution: | WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200 |
| Synonyms: | CSF; GMCSF; CSF2 |
| Purification Method: | Affinity purification |
| Immunogen: | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CSF2 (NP_000749.2). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3. |