



Anti-IL20 monoclonal antibody, clone 269744 (DCABY-4124)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | Mature human and mouse IL-20 is a 152 amino acid protein that is not likely glycosylated. Although IL-20 is a distant member of the IL-10 family, it functions as a monomer. IL-20 binds two heterodimeric receptor complexes, IL-20 R alpha/IL-20 R beta and IL-22 R/IL-20 R beta. IL-20 is reported to induce the proliferation of multipotential hematopoietic progenitor cells, direct the differentiation and expansion of keratinocytes, and promote the release of proinflammatory mediators in keratinocytes and other IL-20 receptor-expressing cells. |
| Specificity | Detects human IL-20 in ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant mouse IL-20, recombinant human (rh)IL-20R alpha, rhIL-20 R beta, rhIL-22 R, or rhIL-22BP is observed. |
| Immunogen | E. coli-derived recombinant human IL-20. Leu25-Glu176 Accession Number AAF36679 |
| Isotype | IgG1 |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Clone | 269744 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Conjugate | Unconjugated |
| Applications | ELISA Capture (Matched Pair) |
| Format | Liquid |
| Size | 500 µg |

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| Buffer | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. |
| Preservative | None |
| 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. |

GENE INFORMATION

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| Gene Name | IL20 interleukin 20 [Homo sapiens (human)] |
| Official Symbol | IL20 |
| Synonyms | IL20; interleukin 20; IL-20; IL10D; ZCYTO10; interleukin-20; cytokine Zcyto10; four alpha helix cytokine; |
| Entrez Gene ID | 50604 |
| Protein Refseq | NP_061194 |
| UniProt ID | Q9NYY1 |
| Chromosome Location | 1q32 |
| Pathway | Cytokine-cytokine receptor interaction; Jak-STAT signaling pathway; |
| Function | cytokine activity; interleukin-20 receptor binding; interleukin-22 receptor binding; |