

DESCRIPTION

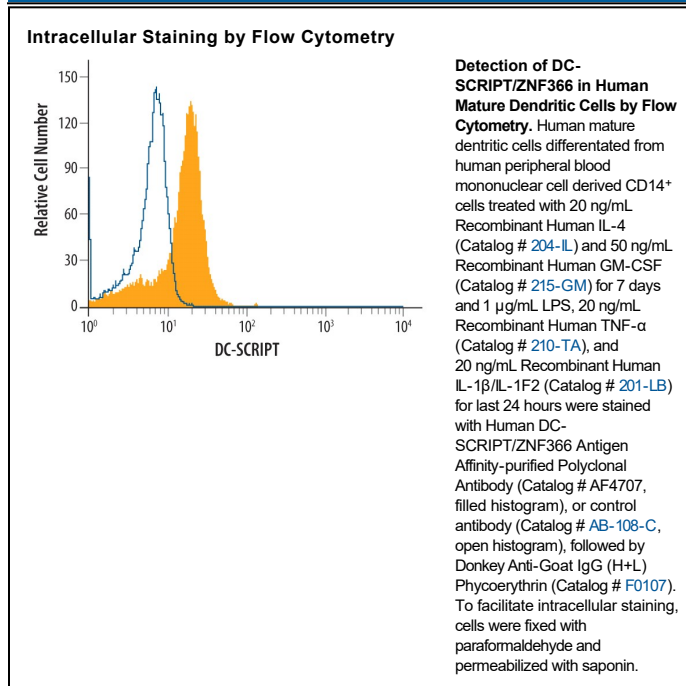
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|---------------------------|---|
| Species Reactivity | Human |
| Specificity | Detects human DC-SCRIPT/ZNF366 in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 1% cross-reactivity with recombinant human (rh) ZNF24 and rhZNF206 is observed. |
| Source | Polyclonal Goat IgG |
| Purification | Antigen Affinity-purified |
| Immunogen | <i>E. coli</i> -derived recombinant human DC-SCRIPT/ZNF366 Met559-Ile744 Accession # Q8N895 |
| 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 either lyophilized or 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 | 0.1 µg/mL | Recombinant Human DC-SCRIPT/ZNF366 |
| Intracellular Staining by Flow Cytometry | 2.5 µg/10 ⁶ cells | See Below |
| CyTOF-ready | Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation. | |

DATA



PREPARATION AND STORAGE

| | |
|--------------------------------|--|
| Reconstitution | Reconstitute at 0.2 mg/mL in sterile PBS. |
| 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. <ul style="list-style-type: none"> ● 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

DC-SCRIPT (dendritic cell-specific transcript; also ZNF366) is an 85 kDa member of the Cys-Cys:His-His subfamily of zinc-finger proteins. This subfamily is principally involved in protein-DNA interactions. DC-SCRIPT appears to be DC specific, and is expressed in myeloid DC, plasmacytoid DC and Langerhans cells. Human DC-SCRIPT is 744 amino acids (aa) in length. It contains an R-K-R-K NLS (aa 77-80), a Pro-rich region (aa 110-219), eleven C2H2-type zinc-fingers (aa 255-556) and an extended acidic region (aa 586-698). Over aa 559-744, human DC-SCRIPT is 68% aa identical to mouse DC-SCRIPT.