

DESCRIPTION

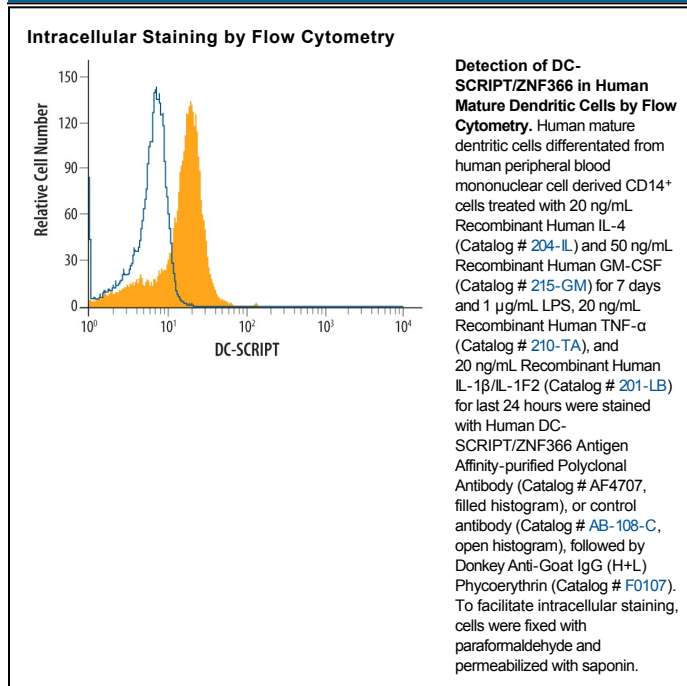
Species Reactivity	Human
Specificity	Detects human DC-SCRIPT/ZNF366 in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 1% cross-reactivity with recombinant human (rh) ZNF24 and rhZNF206 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<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 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.