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30-2640: Anti-Human CD164 Antibody (Clone : 67D2)

Clonality :	Monoclonal
Clone Name :	67D2
Application :	FACS , IP, WB, ICC
Reactivity :	Human
Gene :	CD164
Gene ID :	8763
Format :	Purified
Alternative Name :	DFNA66, MUC-24, MGC-24, endolyn,CD164 molecule
Isotype :	Mouse IgG1
Immunogen Information :	Breast tumor cell line T-47D

Description

CD164, also known as endolyn, is a type I transmembrane protein with heavily glycosylated extracellular part containing sialic acid and glycosaminoglycan residues. CD164 plays both adhesive and antiadhesive role and serves as a potent negative regulator for CD34+ CD38- hematopoietic progenitor cell proliferation. It has also been reported to be involved in myogenic differentiation and cancer metastasis. The adhesive and negative regulatory functions seem to depend on different posttranslational modifications of CD164 protein.
Specificity : The mouse monoclonal antibody 67D2 recognizes an extracellular class III epitope (not sensitive to sialidase, N-glycanase, O-glycosidase, and O-sialoglycoprotease) of CD164, a sialomucin expressed in hematopoietic myeloid and erythroid progenitors, activated basophils, and in various carcinomas and leukemic cells.

Product Info

Amount :	0.1 mg
Purification :	Purified from cell culture supernatant by protein-A affinity chromatography
Content :	1 mg/ml Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

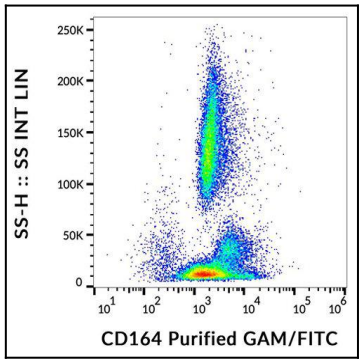


Figure 1 : Flow cytometry analysis (surface staining) of human peripheral blood cells using anti-CD164 (67D2) purified, GAM-FITC.

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