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30-2638: Anti-Human CD167a Antibody (Clone : 51D6)

Clonality :	Monoclonal
Clone Name :	51D6
Application :	FACS , IP
Reactivity :	Human
Gene :	DDR1
Gene ID :	780
Format :	Purified
Alternative Name :	EDDR1, MCK10, NTRK4, PTK3A, RTK6, CAK, TRKE, DDR1,discoidin domain receptor tyrosine kinase 1
Isotype :	Mouse IgM
Immunogen Information :	CD167a-transfected NIH-3T3 cells

Description

CD167a, also known as e.g. discoidin domain receptor tyrosine kinase 1 (DDR1), tyrosine kinase receptor E (TRKE), cell adhesion kinase (CAK), or neuroepithelial tyrosine kinase 4 (NEP, NTRK4), is a transmembrane receptor tyrosine kinase expressed predominantly in epithelial cells. It has been shown to be significantly overexpressed in several human tumors. Alternatively spliced transcript variants encoding different isoforms of this protein have been described. After binding to fibrilar collagens I, II, III, V, or basement membrane collagens IV and VIII, CD167a becomes activated and autophosphorylated and transduces collagen-induced signaling.
Specificity : The mouse monoclonal antibody 51D6 recognizes an extracellular epitope of CD167a, an approximately 97-101 kDa receptor tyrosine kinase expressed mainly on epithelial cells, but also on B cells and dendritic cells.

Product Info

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

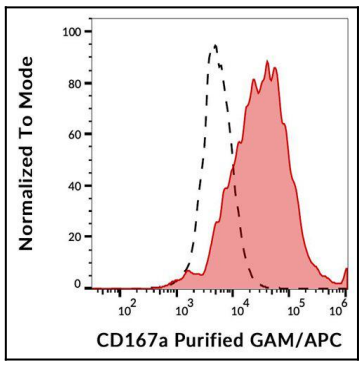

Figure 1 : Flow cytometry analysis (surface staining) of MCF-7 cell line stained with anti-human CD167a (51D6) purified, GAM-APC (red) in comparison with FMO (fluorescence minus one) sample (black-dashed).