

30-2045: Anti-CD135 Monoclonal Antibody (Clone:BV10A4)-FITC Conjugated

Clonality :	Monoclonal
Clone Name :	BV10A4
Application :	FACS, IP
Reactivity :	Human
Conjugate :	FITC
Gene :	FLT3
Gene ID :	2322
Uniprot ID :	P36888
Alternative Name :	FLT3,CD135,FLK2,STK1
Isotype :	Mouse IgG1
Immunogen Information :	BV-173 leukemic cell line

Description

CD135 / FLT3, also known as FLK2 or STK-1 is a receptor tyrosine kinase that plays important roles in hematopoiesis. After binding of Flt3 ligand (FL), CD135 homodimerizes and stimulates proliferation, differentiation and protects the cell from apoptosis. The loss of CD90 and gain of CD135 expression marks the loss of self-renewal in hematopoietic stem cell population. Detectable CD135 expression appears first at low levels on the surface of primitive multilineage progenitor cells and disappears during defined stages of B-cell development, but is upregulated and maintained during maturation of monocytes. CD135 is also expressed on thymocytes, dendritic cell progenitors and on mature dendritic cells, as well as on various malignant hematopoietic cells.

Product Info

Amount :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.