

Technical Data Sheet

Product	Anti-Hu CD294 APC	
Cat. Number/Size	1A-144-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD294
Clone	BM16
Format	APC
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Excitation laser	red (633 nm)
Isotype	Rat IgG2a
Specificity	The rat monoclonal antibody BM16 recognizes an extracellular epitope of CD294 / CRTH2 (prostaglandin D2 receptor 2), a G-protein-coupled seven-transmembrane protein expressed on Th2 cells, peripheral blood basophils and eosinophils.
Other names	DP2, PTGDR2, DL1R, CRTH2, GPR44
Workshop	HLDA VIII
Immunogen	Human CD294 transfected rat cell line TART/B19-12.10
Entrez Gene ID	11251
Gene name	PTGDR2
NCBI Full Gene Name	prostaglandin D2 receptor 2
UniProt ID	Q9Y5Y4

Preparation	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References www.exbio.cz

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