9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-1097: Anti-CD39 Monoclonal Antibody (Clone:TU66)

Clonality :	Monoclonal
Clone Name :	TU66
Application :	FACS
Reactivity :	Human
Gene :	ENTPD1
Gene ID :	953
Uniprot ID :	P49961
Format :	Purified
Alternative Name :	Ecto-ATP diphosphohydrolase 1, Ecto-ATPDase 1, Lymphoid cell activation antigen
Isotype :	Mouse IgG2b

Description

CD39, also known as ectonucleoside triphosphate diphosphohydrolase 1 (ENTPD1), is a cell surface enzyme (with intracellular N- and C-terminus) which hydrolyzes extracellular ATP and ADP to AMP. Inhibition of its enzymatic activity may confer anticancer benefits. The formation of oligomers in the plasma membrane is essential for enzyme activity. It is expressed on Treg cells, and in other cell types, such as mantle zone B cells, activated T cells, NK cells, macrophages, dendritic cells, neurons, endothelial cells and platelets. Hydrolysis of ATP and ADP inhibits inflammatory and thrombotic responses. In the nervous system, it regulates purinergic neurotransmission.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.