

Anti-ENTPD1 / CD39 Reference Antibody (TTX-030)

Recombinant Antibody

Catalog # APR10301

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P49961
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4
Calculated MW	57965

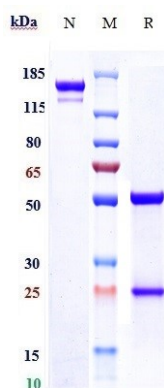
Additional Information

Target/Specificity	ENTPD1 / CD39
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

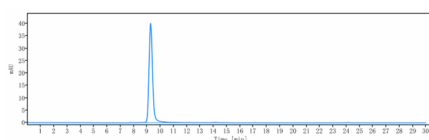
Protein Information

Name	ENTPD1 (HGNC:3363)
Function	Catalyzes the hydrolysis of both di- and triphosphate nucleotides (NDPs and NTPs) and hydrolyze NTPs to nucleotide monophosphates (NMPs) in two distinct successive phosphate-releasing steps, with NDPs as intermediates and participates in the regulation of extracellular levels of nucleotides (Probable) (PubMed: 8529670 , PubMed: 8626624 , PubMed: 8955160 , PubMed: 8996251). By hydrolyzing proinflammatory ATP and platelet-activating ADP to AMP, it blocks platelet aggregation and supports blood flow (PubMed: 8955160 , PubMed: 8996251).
Cellular Location	Membrane; Multi-pass membrane protein. Membrane, caveola
Tissue Location	Expressed primarily on activated lymphoid cells (PubMed:7930580). Also expressed in endothelial tissues (PubMed:8955160). Highly expressed in placenta, lung, skeletal muscle, kidney (PubMed:8955160).

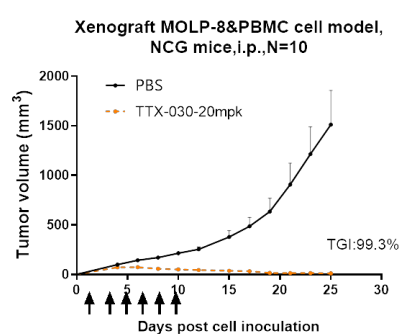
Images



Anti-ENTPD1 / CD39 Reference Antibody (TTX-030) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-ENTPD1 / CD39 Reference Antibody (TTX-030) is more than 99.83%, determined by SEC-HPLC.



TTX-030 inhibited the tumor growth of MOLP-8 on NCG mice. The result showed significant anti-tumor effects, with a tumor inhibition rate (TGI) of 99.3% at 20 mpk at D25.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.