

Anti-ENPP3 / CD203c Reference Antibody (Ags-16C3F)
Recombinant Antibody
Catalog # APR10726**Specification****Anti-ENPP3 / CD203c Reference Antibody (Ags-16C3F) - Product Information**

Application	FC, Kinetics, Animal Model
Primary Accession	O14638
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	154.04 KDa

Anti-ENPP3 / CD203c Reference Antibody (Ags-16C3F) - Additional Information**Target/Specificity**

ENPP3 / CD203c

Endotoxin

< 0.001EU/ µg,determined by LAL method.

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.

Anti-ENPP3 / CD203c Reference Antibody (Ags-16C3F) - Protein Information**Name** ENPP3 ([HGNC:3358](#))**Function**

Hydrolase that metabolizes extracellular nucleotides, including ATP, GTP, UTP and CTP (PubMed:29717535, PubMed:9344668). Limits mast cells and basophils response during inflammation and during the chronic phases of allergic responses by eliminating extracellular ATP, a signaling molecule activating these cells in an autocrine manner. Metabolizes extracellular ATP in the lumen of the small intestine, and thereby prevents ATP-induced apoptosis of intestinal plasmacytoid dendritic cells (By similarity). Has a broad specificity and can also hydrolyze UDP-GlcNAc into UMP and GlcNAc-1-phosphate and potentially several other intracellular nucleotide sugars, including UDP-GalNAc, CMP-NeuAc, GDP-Fuc, and UDP-GlcA. Thereby, could modulate glycan biosynthesis and protein glycosylation (By similarity). Can hydrolyze extracellular dinucleoside polyphosphates, including the vasoactive adenosine polyphosphates as well (PubMed:12846830).

target="_blank">12846830). In addition, displays an alkaline phosphodiesterase activity in vitro (PubMed:11342463).

Cellular Location

Cell membrane; Single-pass type II membrane protein. Apical cell membrane; Single-pass type II membrane protein. Secreted Note=Detected at the cell surface of basophils (PubMed:11342463) Detected at the apical plasma membrane of bile duct cells (PubMed:15072822). Located to the apical surface in intestinal and kidney epithelial cells. Secreted in serum, and in lumen of epithelial cells.

Tissue Location

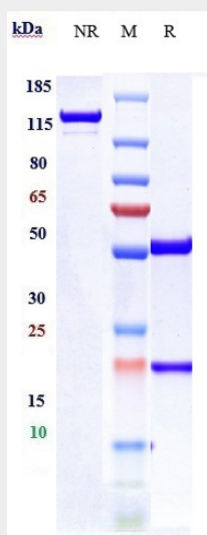
Detected on bile ducts in liver, and in blood serum (at protein level) (PubMed:15072822). Detected in prostate and uterus (PubMed:9344668). Detected on basophils, but not neutrophils (PubMed:11342463).

Anti-ENPP3 / CD203c Reference Antibody (Ags-16C3F) - Protocols

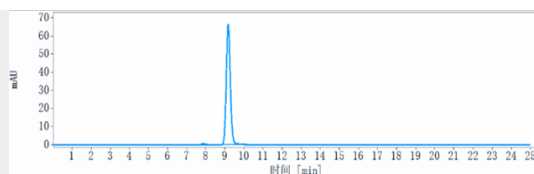
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

Anti-ENPP3 / CD203c Reference Antibody (Ags-16C3F) - Images



Anti-ENPP3 / CD203c Reference Antibody (Ags-16C3F) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-ENPP3 / CD203c Reference Antibody (Ags-16C3F) is more than 95% ,determined by SEC-HPLC.