

XPNPEP1 recombinant antibody

XPNPEP1 Recombinant Monoclonal Antibody

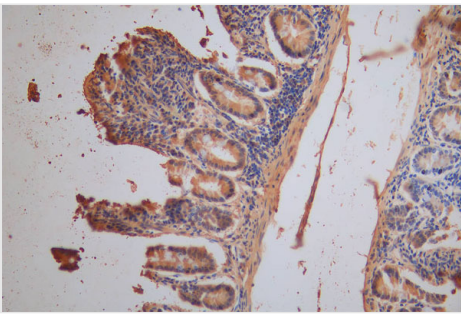
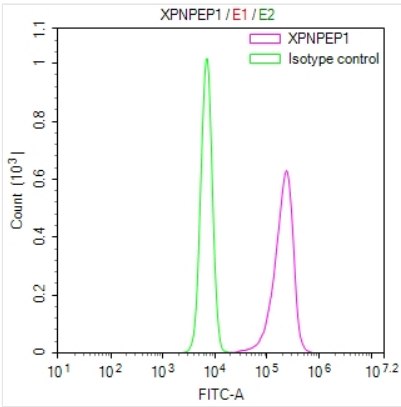
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279169	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

XPNPEP1; Monoclonal Recombinant Antibody; XPNPEP1 Recombinant Monoclonal Antibody; Aminoacylproline aminopeptidase; aminopeptidase P; cytosolic; APP1; Cytosolic aminopeptidase P; RP11 451M19.1; sAmp; Soluble aminopeptidase P; soluble; X Pro aminopeptidase 1; X prolyl aminopeptidase (aminopeptidase P) 1; X prolyl aminopeptidase (Aminopeptidase P) 1 soluble; X prolyl aminopeptidase 1; X prolyl aminopeptidase 1 soluble; X-Pro aminopeptidase 1; X-prolyl aminopeptidase 1; Xaa Pro aminopeptidase 1; Xaa-Pro aminopeptidase 1; XPNPEP 1; XPNPEP; xpnpep1; XPNPEPL; XPNPEPL1; XPP1_HUMAN; XPNPEP1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG
Clone Number	4D12
Purity/Purification	Affinity purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for XPNPEP1 recombinant antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human XPNPEP1 protein
Conjugation	Non-conjugated
Research Area	Cancer; Metabolism; Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



IHC (Immunohistochemistry)
IHC image of AAA279169 diluted at 1:200 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.

FCM/FACS (Flow Cytometry)
Overlay Peak curve showing JK cells stained with AAA279169 (red line) at 1:300. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45 min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,005 events was performed.

NCBI AND UNIPROT INFORMATION

NCBI GI #	264681565
NCBI GeneID	7511
NCBI Accession #	NP_001161076.1
NCBI GenBank Nucleotide #	NM_001167604.1
UniProt Accession #	Q9NQW7; O15250; Q53EX6; Q8N3Q0; Q96D23; A8K071; G5E9Y2; G8JLB2
Molecular Weight	72,107 Da
NCBI Official Full Name	xaa-Pro aminopeptidase 1 isoform 2
NCBI Official Synonym Full Names	X-prolyl aminopeptidase (aminopeptidase P) 1, soluble
NCBI Official Symbol	XPNPEP1
NCBI Official Synonym Symbols	APP1; SAMP; XPNPEP; XPNPEPL; XPNPEPL1
NCBI Protein Information	xaa-Pro aminopeptidase 1
UniProt Protein Name	Xaa-Pro aminopeptidase 1
UniProt Gene Name	XPNPEP1
UniProt Synonym Gene Names	sAmp
UniProt Entry Name	XPP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.