

**Anti-DPEP3 Reference Antibody (tamrintamab)
Recombinant Antibody
Catalog # APR10884****Specification**

Anti-DPEP3 Reference Antibody (tamrintamab) - Product Information

Application	FC, E, FTA
Primary Accession	O9H4B8
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145 KDa

Anti-DPEP3 Reference Antibody (tamrintamab) - Additional Information**Target/Specificity**
DPEP3**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.**Storage**
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.**Anti-DPEP3 Reference Antibody (tamrintamab) - Protein Information****Name** DPEP3**Function**
Lacks dipeptidase activity and is unable to hydrolyze cystinyl-bis-glycine, leukotriene D4 and the beta-lactam antibiotic imipenem (PubMed:32325220). The absence of activity may be due to the inability of asparagine (instead of aspartate found in DPEP1/2) at position 359 to function as the acid/base catalyst and activate the nucleophilic water/hydroxide (PubMed:32325220). A tyrosine (instead of histidine) at position 269 reduces affinity for the beta zinc and may cause substrate steric hindrance (PubMed:32325220).

target="_blank">32325220).

Cellular Location

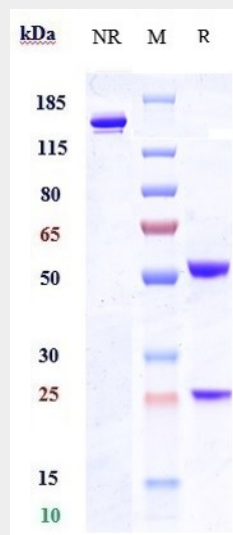
Membrane {ECO:0000250|UniProtKB:Q9DA79}; Lipid- anchor, GPI-anchor
{ECO:0000250|UniProtKB:Q9DA79}

Anti-DPEP3 Reference Antibody (tamrintamab) - Protocols

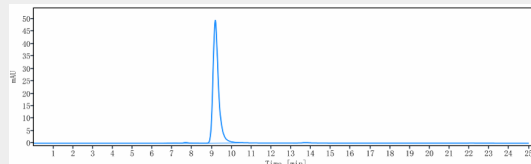
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-DPEP3 Reference Antibody (tamrintamab) - Images



Anti-DPEP3 Reference Antibody (tamrintamab) 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-DPEP3 Reference Antibody (tamrintamab) is more than 95%, determined by SEC-HPLC.