

PTPN7 / HEPTP Antibody (clone AFPK32)
Mouse Monoclonal Antibody
Catalog # ALS14844**Specification**

PTPN7 / HEPTP Antibody (clone AFPK32) - Product Information

Application	IHC
Primary Accession	P35236
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	41kDa KDa

PTPN7 / HEPTP Antibody (clone AFPK32) - Additional Information**Gene ID** 5778**Other Names**

Tyrosine-protein phosphatase non-receptor type 7, 3.1.3.48, Hematopoietic protein-tyrosine phosphatase, HEPTP, Protein-tyrosine phosphatase LC-PTP, PTPN7

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

PTPN7 / HEPTP Antibody (clone AFPK32) is for research use only and not for use in diagnostic or therapeutic procedures.

PTPN7 / HEPTP Antibody (clone AFPK32) - Protein Information**Name** PTPN7**Function**

Protein phosphatase that acts preferentially on tyrosine- phosphorylated MAPK1. Plays a role in the regulation of T and B- lymphocyte development and signal transduction.

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton

Tissue Location

Expressed exclusively in thymus and spleen.

Volume

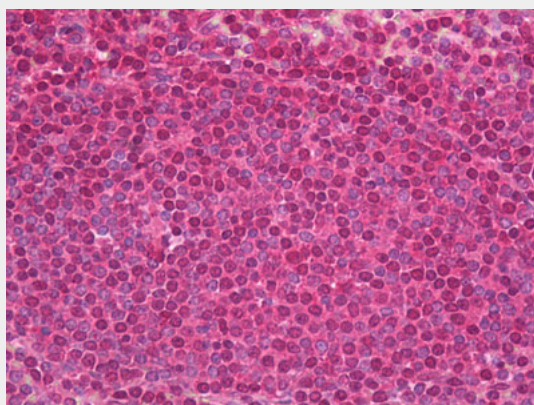
50 µl

PTPN7 / HEPTP Antibody (clone AFPK32) - Protocols

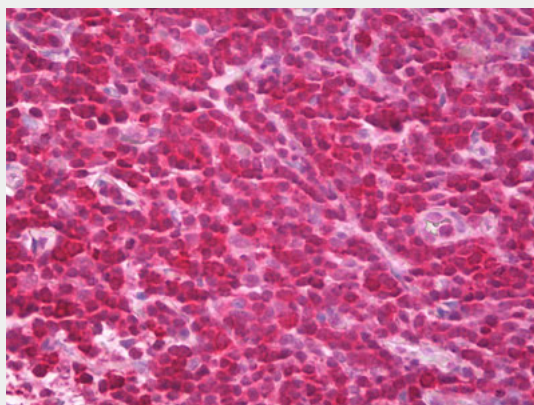
Provided below are standard protocols that you may find useful for product applications.

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

PTPN7 / HEPTP Antibody (clone AFPK32) - Images



Anti-PTPN7 antibody IHC of human spleen.



Anti-PTPN7 antibody IHC of human tonsil.

PTPN7 / HEPTP Antibody (clone AFPK32) - Background

Protein phosphatase that acts preferentially on tyrosine-phosphorylated MAPK1. Plays a role in the regulation of T and B-lymphocyte development and signal transduction.

PTPN7 / HEPTP Antibody (clone AFPK32) - References

Adachi M.,et al.Biochem. Biophys. Res. Commun. 186:1607-1615(1992).
Zanke B.,et al.Eur. J. Immunol. 22:235-239(1992).
Kalnine N.,et al.Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).