10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ERMAP Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18539a

Specification

ERMAP Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q96PL5
Other Accession	NP_001017922.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**52605**
Antigen Region	**69-95**

ERMAP Antibody (N-term) - Additional Information

Gene ID 114625

Other Names
Erythroid membrane-associated protein, hERMAP, Radin blood group antigen, Scianna blood group antigen, ERMAP, RD, SC

Target/Specificity
This ERMAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-95 amino acids from the N-terminal region of human ERMAP.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ERMAP Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ERMAP Antibody (N-term) - Protein Information

Name ERMAP

Synonyms RD, SC

Function Possible role as a cell-adhesion or receptor molecule of erythroid cells.

Cellular Location
Cell membrane; Single-pass type I membrane protein. Cytoplasm

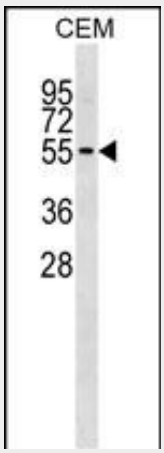
Tissue Location
Expressed in erythroid-enriched bone marrow (at protein level). Highly expressed in bone marrow and to a lower extent in leukocytes, thymus, lymph node and spleen

ERMAP Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ERMAP Antibody (N-term) - Images



ERMAP Antibody (N-term) (Cat. #AP18539a) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the ERMAP antibody detected the ERMAP protein (arrow).

ERMAP Antibody (N-term) - Background

The protein encoded by this gene is a cell surface transmembrane protein that may act as an erythroid cell receptor, possibly as a mediator of cell adhesion. Polymorphisms in this gene are responsible for the Scianna/Radin blood group system. Two transcript variants encoding the same protein have been found for this gene.

ERMAP Antibody (N-term) - References

Fuchisawa, A., et al. Immunohematology 25(1):18-19(2009)
Lin, L.D., et al. Zhongguo Shi Yan Xue Ye Xue Za Zhi 16(2):328-332(2008)

Flegel, W.A., et al. Transfusion 45(12):1940-1944(2005)
Hue-Roye, K., et al. Transfusion 45(2):245-247(2005)
Yan, L., et al. Immunohematology 21(1):10-14(2005)