

Product datasheet for **AM10133SU-N**

Perforin (PRF1) Mouse Monoclonal Antibody [Clone ID: MRQ-23]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MRQ-23
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Formalin-Fixed, Paraffin-Embedded Sections: 1/10-1/50 Pretreatment of deperaffinized tissue with heat-induced epitope retrieval is recommended. Use Polymer anti Mouse/Rabbit IgG as a detection system. <i>Positive Control:</i> Spleen.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant protein corresponding to C-terminal region of Human Perforin.
Specificity:	Recognizes Perforin. Cellular Localization: Granular cytoplasmic.
Formulation:	Tris HCl State: Supernatant State: Liquid purified tissue Culture Supernatant Preservative: < 0.1% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	perforin 1
Database Link:	Entrez Gene 4747 Human Entrez Gene 5551 Human P14222



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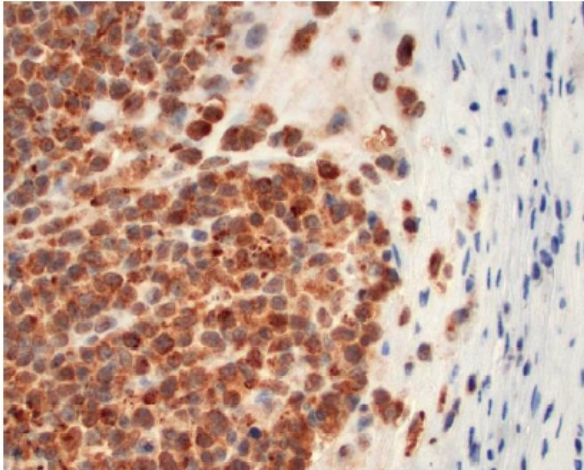
Background: Perforin is a potent cytolytic poreforming protein. It is a specific marker of functionally active cytotoxic T-lymphocytes (CTLs) and natural killer (NK) cells. Perforin is a key effector mechanisms in T cell-mediated cytotoxicity. It mediates cytolysis of target cells by membrane damage and apoptosis.

Synonyms: Perforin-1, Pore forming protein, PFN, PFP, Cytolysin

Protein Families: Druggable Genome, ES Cell Differentiation/IPS

Protein Pathways: Amyotrophic lateral sclerosis (ALS)

Product images:



Formalin-Fixed, Paraffin-Embedded Human skin T/NK cell lymphoma stained with Perforin antibody Cat.-No. AM10133SU-N using peroxidase conjugate and DAB chromogen. Note the cytoplasmic granular staining of lymphoma cells.