

Product datasheet for **AM32249SU-N**

Alkaline Phosphatase (ALPP) Mouse Monoclonal Antibody [Clone ID: R92F6]

Product data:

Product Type: Primary Antibodies

Clone Name: R92F6

Applications: IHC

Recommended Dilution: **Immunohistochemistry on Frozen Sections.**
Immunohistochemistry on Paraffin Sections.

Recommended Dilution: 1/50-1/100.

Positive Control: Infected tissue.

Staining Pattern: Cytoplasmic, Nuclear.

Preparation and Pretreatment:

1. Cut 3-4 μm section of formalin-fixed paraffin-embedded tissue and place on positively charged slides; dry overnight at 58°C.

2. Deparaffinize, rehydrate, and epitope retrieve; the preferred method is the use of Heat Induced Epitope Retrieval (HIER) techniques in conjunction with a pressure cooker. The preferred method allows for simultaneous deparaffinization, rehydration, and epitope retrieval. Upon completion, rinse with 5 changes of distilled or deionized water.

3. If using HRP detection system, place slides in peroxide block for 10 minutes; rinse. If using AP detection system, omit this step.

Reactivity: Human

Host: Mouse

Isotype: IgG1

Clonality: Monoclonal

Specificity: Anti-Parvovirus antibody targets the capsid proteins VP1 and VP2 on Human Parvovirus. Parvovirus B19 infection has been implicated as a cause in spontaneous abortion in humans and thus application of this antibody to placental tissues in such cases is appropriate. Parvovirus B19 is also associated with erythema infectiosum (fifth disease) in children and acute arthritis in adults, as well as chronic hemolytic anemia, with some patients experiencing aplastic crisis.



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Formulation:	PBS, 7.4 State: Supernatant State: Liquid diluted Supernatant Stabilizer: 0.9% BSA Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	alkaline phosphatase, placental
Database Link:	Entrez Gene 250 Human P05187
Synonyms:	PLAP-1, Alkaline phosphatase Regan isozyme