

Product datasheet for **AM03076PU-N**

Alkaline Phosphatase (ALPP) Mouse Monoclonal Antibody [Clone ID: H7E8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	H7E8
Applications:	ELISA, IHC, WB
Recommended Dilution:	Western Blot. ELISA. Immunohistochemistry on frozen sections. Immunohistochemistry on paraffin sections 10 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified placental alkaline phosphatase.
Specificity:	The antibody H7E8 recognizes throphoblast-derived membrane-associated enzyme alkaline phosphatase.
Formulation:	PBS with 15 mM sodium azide as preservative, PBS, pH 7.4 State: Aff - Purified State: Liquid purified IgG fraction (> 95% pure by SDS-PAGE). Preservative: 0,05% sodium azide
Concentration:	lot specific
Purification:	Protein A affinity chromatography.
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



[View online »](#)

Background: Alkaline phosphatases are phosphodiesterases. The placental-specific isozyme of Alkaline Phosphatase (PLAP) is found in trophoblast cells of normal human mature placenta, seminomas of testis and ovarian carcinomas. Detection of alkaline phosphatase in serum is a marker for ovarian and testicular cancer.

Synonyms: PLAP-1, Alkaline phosphatase Regan isozyme