

Product datasheet for **SM2070P**

Alkaline Phosphatase (ALPP) Mouse Monoclonal Antibody [Clone ID: H17E2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	H17E2
Applications:	ELISA, FC, IHC
Recommended Dilution:	ELISA. Flow Cytometry. Immunohistochemistry on frozen sections. Recommended Positive Control: placenta, seminoma
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Placental membrane
Specificity:	SM2070P recognises placental alkaline phosphatase, a 67kD isoform expressed in trophoblast cells of normal human placenta, in seminomas and in ovarian carcinoma. The H17E2 antibody has been widely used in immunolocalisation studies of germ cell tumours and may also be used in ELISA based assays for the measurement of soluble PLAP.
Formulation:	PBS containing 0.09 % Sodium State: Aff - Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
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



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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