

**ARG63088**  
**anti-PLAP / Placental alkaline phosphatase antibody [H7E8]**Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [H7E8] recognizes PLAP / Placental alkaline phosphatase
Tested Reactivity	Hu
Tested Application	ELISA, IHC-Fr, IHC-P, WB
Specificity	The clone H7E8 recognizes throphoblast-derived membrane-associated enzyme alkaline phosphatase.
Host	Mouse
Clonality	Monoclonal
Clone	H7E8
Isotype	IgG2a
Target Name	PLAP / Placental alkaline phosphatase
Immunogen	Purified placental alkaline phosphatase.
Conjugation	Un-conjugated
Alternate Names	PALP; PLAP; EC 3.1.3.1; Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1; PLAP-1; Alkaline phosphatase, placental type; ALP

### Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	IHC-Fr	Assay-dependent
	IHC-P	10 µg/ml
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from hybridoma culture supernatant by protein A-affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

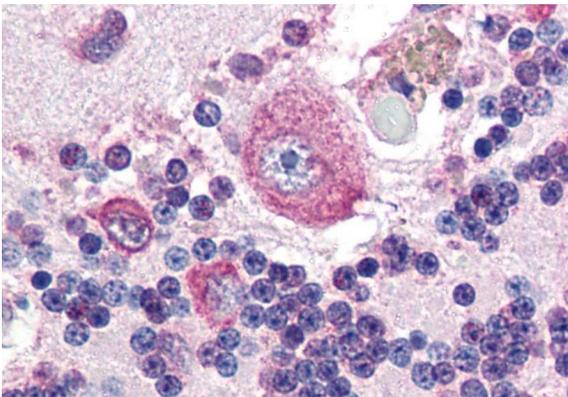
## Bioinformation

---

Database links	<a href="#">GeneID: 250 Human</a> <a href="#">Swiss-port # P05187 Human</a>
Gene Symbol	ALPP
Gene Full Name	alkaline phosphatase, placental
Background	The protein encoded by this gene is an alkaline phosphatase, a metalloenzyme that catalyzes the hydrolysis of phosphoric acid monoesters. It belongs to a multigene family composed of four alkaline phosphatase isoenzymes. The enzyme functions as a homodimer and has a catalytic site containing one magnesium and two zinc ions, which are required for its enzymatic function. The protein is primarily expressed in placental and endometrial tissue; however, strong ectopic expression has been detected in ovarian adenocarcinoma, serous cystadenocarcinoma, and other ovarian cancer cells. [provided by RefSeq, Jan 2015]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Controls and Markers antibody
Calculated Mw	58 kDa

## Images

---



ARG63088 anti-PLAP / Placental alkaline phosphatase antibody [H7E8] IHC-P image

Immunohistochemistry: Paraffin-embedded Human cerebellum tissue stained with ARG63088 anti-PLAP / Placental alkaline phosphatase antibody [H7E8].