

## ARG66879 anti-PLAP / Placental alkaline phosphatase antibody [SQab22282]

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [SQab22282] recognizes PLAP / Placental alkaline phosphatase
Tested Reactivity	Hu
Tested Application	IHC-P
Specificity	The clone SQab22282 recognizes throphoblast-derived membrane-associated enzyme alkaline phosphatase.
Host	Mouse
Clonality	Monoclonal
Clone	SQab22282
Isotype	IgG
Target Name	PLAP / Placental alkaline phosphatase
Species	Human
Immunogen	Placental alkaline phosphatase protein
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
	IHC-P	1:100 - 1:200

**Application Note** IHC-P: Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
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

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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