ARG23503
anti-ALP / Alkaline Phosphatase antibody

Package: 500 µl
Store at: -20°C

Summary

Product Description	Sheep Polyclonal antibody recognizes ALP / Alkaline Phosphatase. Sheep anti Human Alkaline Phosphatase antibody recognizes alkaline phosphatase, it has been found to be reactive with both placental and bone alkaline phosphatase.
Tested Reactivity	Hu
Tested Application	ELISA, EM
Host	Sheep
Clonality	Polyclonal
Isotype	IgG
Target Name	ALP / Alkaline Phosphatase
Species	Human
Immunogen	Purified alkaline phosphatatse from Human placenta.
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
EM	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 by affinity chromatography.
Buffer	PBS and 0.09% Sodium azide.
Preservative	0.09% Sodium azide
Concentration	5 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

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]
Calculated Mw	58 kDa