

Alkaline Phosphatase/PLAP/ALPP Polyclonal Antibody(Capture/Detector)

catalog number: AN000360P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

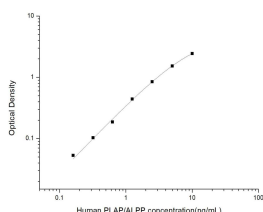
Description

Reactivity	Human
Immunogen	Recombinant Human Alkaline Phosphatase/PLAP/ALPP ALPP Protein expressed by Mammalian
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL

Data



Sandwich ELISA-Recombinant Human Alkaline Phosphatase/PLAP/ALPP ALPP Protein standard curve. Background subtracted standard curve using Alkaline Phosphatase/PLAP/ALPP antibody(AN000360P) (Capture), Alkaline Phosphatase/PLAP/ALPP antibody(AN000360P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human Alkaline Phosphatase/PLAP/ALPP ALPP Protein is 0.16-10 ng/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Most importantly, placental alkaline phosphatase (ALP), an ectoenzyme that locates on cell surface with catalytic domains outside the plasma membrane and is overexpressed on many cancer cells, dephosphorylate the d-tyrosine phosphates on the surface of the magnetic nanoparticle and enable the magnetic nanoparticles to adhere selectively to the cancer cells, such as HeLa cells. Placental alkaline phosphatase (PLAP), encoded by the ALP gene, is produced by the fetal side of the placenta.

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