

Mouse Anti-Alkaline Phosphatase (tissue-nonspecific) [ALAP/597]: MC0101, MC0101RTU7

Intended Use: For Research Use Only

Description: Alkaline phosphatase, germ cell; Alkaline phosphatase, testicular and thymus; Akp2; Alkaline phosphatase intestinal; Alkaline phosphatase liver/bone/kidney; Alkaline phosphatase placental; Alkaline phosphatase placental like 2; Alkaline phosphatase, tissue-nonspecific; ALPG; ALPI; ALPL; ALPP; ALPPL; ALPPL2; AP TNAP; Germ cell alkaline phosphatase; HOPS; Intestinal alkaline phosphatase (IAP); Kasahara isozyme; Nagao isozyme; PLAP; PLAP like; Regan isozyme; Testicular and thymus alkaline phosphatase; Tissue non-specific alkaline phosphatase; Tissue nonspecific ALP (TNAP or TNSALP).

Specifications:

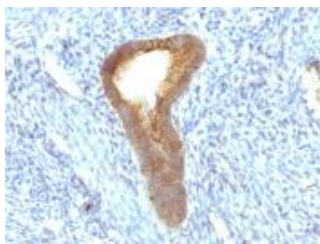
Clone: ALAP/597
 Source: Mouse
 Isotype: IgG1k
 Reactivity: Human, cow
 Localization: Membrane
 Formulation: Purified antibody in PBS, containing BSA and $\leq 0.09\%$ sodium azide (NaN₃)
 Storage: Store at 2°- 8°C
 Applications: IHC, Flow Cyt., IF
 Package:

Description	Catalog No.	Size
Alkaline Phosphatase (tissue-nonspecific) Concentrated	MC0101	1 ml
Alkaline Phosphatase (tissue-nonspecific) Concentrated	MC0101RTU7	7 ml

IHC Procedure*:

Positive Control Tissue: Intestine
 Concentrated Dilution: 50-100
 Pretreatment: Tris EDTA pH 9.0 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
 Incubation Time and Temp: 30-60 minutes @ RT
 Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human endometrial carcinoma stained with anti-AP (tissue-nonspecific) using DAB

References:

1. Regulation of the osteogenic and adipogenic differentiation of bone marrow-derived stromal cells by extracellular uridine triphosphate: Li W, et al. The role of P2Y2 receptor and ERK1/2 signaling. Int J Mol Med 37:63-73, 2016.
2. Enzyme-Instructed Self-Assembly for Spatiotemporal Profiling of the Activities of Alkaline Phosphatases on Live Cells. Zhou J, et al. Chem 1:246-263, 2016.
3. Proteolytic activation of the protease-activated receptor (PAR)-2 by the glycosylphosphatidylinositol-anchored serine protease testisin. Driesbaugh KH, et al. J Biol Chem 290:3529-41, 2015.
4. Syncytin proteins incorporated in placenta exosomes are important for cell uptake and show variation in abundance in serum exosomes from patients with preeclampsia. Vargas A, et al. FASEB J 28:3703-19, 2014.