

**Mouse Anti-Alkaline Phosphatase (Intestinal) [V17.1]: MC0309, MC0309RTU7**

**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:**

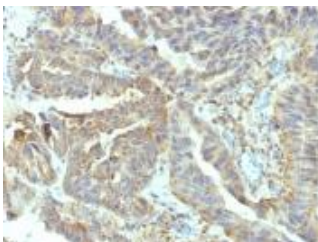
Clone: V17.1  
 Source: Mouse  
 Isotype: IgG1k  
 Reactivity: Human, cow  
 Localization: Membrane  
 Formulation: Purified antibody with BSA and  $\leq 0.09\%$  sodium azide (NaN<sub>3</sub>).  
 Storage: Store at 2°- 8°C  
 Applications: IHC  
 Package:

Description	Catalog No.	Size
Alkaline Phosphatase (Intestinal) Concentrated	MC0309	1 ml
Alkaline Phosphatase (Intestinal) Prediluted	MC0309RTU7	7 ml

**IHC Procedure\*:**

Positive Control Tissue: Seminoma, placenta  
 Concentrated Dilution: 50-200  
 Pretreatment: None  
 Incubation Time and Temp: 30-60 minutes @ RT  
 Detection: Refer to the detection system manual

\* Result should be confirmed by an established diagnostic procedure.



human ovarian carcinoma stained with anti-AP intestinal 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.