

## Product datasheet for TA809177

### Alkaline Phosphatase (ALPI) Mouse Monoclonal Antibody [Clone ID: OTI3D5]

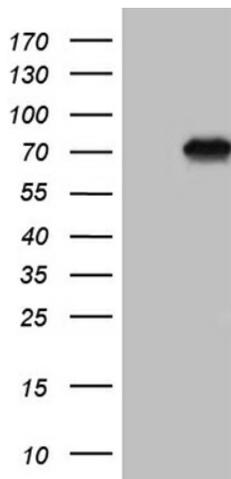
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3D5
Applications:	IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ALPI (NP_001622) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	54.7 kDa
Gene Name:	alkaline phosphatase, intestinal
Database Link:	<a href="#">NP_001622 Entrez Gene 248 Human</a>
Background:	There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The intestinal alkaline phosphatase gene encodes a digestive brush-border enzyme. This enzyme is upregulated during small intestinal epithelial cell differentiation. [provided by RefSeq, Jul 2008]
Synonyms:	IAP
Protein Families:	Druggable Genome
Protein Pathways:	Folate biosynthesis, Metabolic pathways

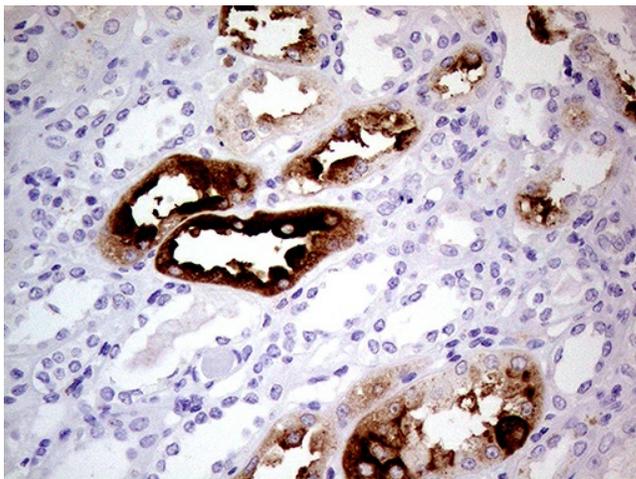


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## Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ALPI ([RC224178], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ALPI (1:2000). Positive lysates [LY400612] (100ug) and [LC400612] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-ALPI mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809177) (1:500)