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## Product Datasheet

### **ALDH1A1 (Aldehyde Dehydrogenase 1A1) (ALDH1A1/1381), Biotin conjugate, 0.1mg/mL, IgG1, Clone: [ALDH1A1/1381], Mouse, Monoclonal BOT-BNCB1381-500**

Article Name	ALDH1A1 (Aldehyde Dehydrogenase 1A1) (ALDH1A1/1381), Biotin conjugate, 0.1mg/mL, IgG1, Clone: [ALDH1A1/1381], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNCB1381-500
Supplier Catalog Number	BNCB1381-500
Alternative Catalog Number	BOT-BNCB1381-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC, WB
Species Reactivity	Human
Immunogen	Purified recombinant fragment of human ALDH1A1 (aa 315-434) (exact sequence is proprietary)
Conjugation	Biotin
Product Description	Aldehyde dehydrogenase 1 family member A1 (ALDH1A1), also known as retinal dehydrogenase 1, belongs to the aldehyde dehydrogenase enzyme family, which is involved in the metabolism of alcohol. ALDH1A1 is predominantly expressed in the epithelium of t...
Clonality	Monoclonal
Concentration	0.1 mg/mL

Clone Designation	[ALDH1A1/1381]
Molecular Weight	56 kDa
Isotype	IgG1
UniProt	<a href="#">P00352</a>
Buffer	PBS, 0.1% BSA, 0.05% azide
Source	Animal
Application Notes	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL Immunohistology (formalin): 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user