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Product Datasheet

E-Cadherin / CD324 (Intercellular Junction Marker) (4A2), Biotin conjugate, 0.1mg/mL, Clone: [4A2], Mouse, Monoclonal BOT-BNCB1429-100

Article Name	E-Cadherin / CD324 (Intercellular Junction Marker) (4A2), Biotin conjugate, 0.1mg/mL, Clone: [4A2], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNCB1429-100
Supplier Catalog Number	BNCB1429-100
Alternative Catalog Number	BOT-BNCB1429-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, IF, IHC, IP, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Recombinant human full-length E-Cadherin protein
Conjugation	Biotin
Product Description	This antibody recognizes a protein of 120-80 kDa, identified as E-cadherin. Cadherins comprise a family of Ca ²⁺ -dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis....
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[4A2]

Molecular Weight	120-80 kDa (Mature), 135 kDa (Precursor)
UniProt	P12830
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: 0.5-1 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