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Product Datasheet

E-Cadherin / CD324 (Intercellular Junction Marker) (4A2), 1mg/mL, Clone: [4A2], Mouse, Monoclonal BOT-BNUM1429-50

Article Name	E-Cadherin / CD324 (Intercellular Junction Marker) (4A2), 1mg/mL, Clone: [4A2], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM1429-50
Supplier Catalog Number	BNUM1429-50
Alternative Catalog Number	BOT-BNUM1429-50-50UL
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
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	1 mg/mL
Clone Designation	[4A2]
Molecular Weight	120-80 kDa (Mature), 135 kDa (Precursor)

UniProt	P12830
Buffer	PBS, no BSA, no 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