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## Product Datasheet

### **CD50 (ICAM-3)(186-2G9), Biotin conjugate, 0.1mg/mL, Clone: [186-2G9], Mouse, Monoclonal BOT-BNCB0178-500**

Article Name	CD50 (ICAM-3)(186-2G9), Biotin conjugate, 0.1mg/mL, Clone: [186-2G9], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNCB0178-500
Supplier Catalog Number	BNCB0178-500
Alternative Catalog Number	BOT-BNCB0178-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IF, IHC
Species Reactivity	Human
Immunogen	Stimulated human leukocytes
Conjugation	Biotin
Product Description	Recognizes the D1 domain of an N-glycosylated glycoprotein of 120 kDa with intra-chain disulfide bonds, identified as CD50 or ICAM-3 (Leucocyte Workshop VI). CD50 is the major ligand for LFA-1 (CD11a/CD18) and may have signaling role to increase adhe...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[186-2G9]

Molecular Weight	110-160 kDa
UniProt	<a href="#">P32942</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: 0.5-1 ug/mL Immunohistology formalin-fixed 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 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Blocks binding of CD11a LFA-1 to CD50 ICAM-3 Optimal dilution for a specific application should be determined by user