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## Product Datasheet

### **S100B(4C4.9 + S100B/1012), 0.2mg/mL, Clone: [4C4.9 S100B/1012], CF405S, Mouse, Monoclonal BOT-BNC041204-500**

Article Name	S100B(4C4.9 + S100B/1012), 0.2mg/mL, Clone: [4C4.9 S100B/1012], CF405S, Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC041204-500
Supplier Catalog Number	BNC041204-500
Alternative Catalog Number	BOT-BNC041204-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IF, IHC
Species Reactivity	Bovine, Human, Mouse, Rat
Immunogen	Purified bovine brain S100 protein (4C4.9), Recombinant full-length human S100B protein (S100B/1012)
Conjugation	CF405S
Product Description	S100 belongs to the family of calcium binding proteins. S100A and S100B proteins are two members of the S100 family. S100A is composed of an alpha and a beta chain whereas S100B is composed of two beta chains. This antibody is specific against an epi...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[4C4.9 S100B/1012]

Molecular Weight	10-12 kDa
UniProt	<a href="#">P04271</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-fixed 0.25-0.5 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 Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user