BOSTER BIOLOGICAL TECHNOLOGY
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Anti-S-100(Beta-subunit) S100b Antibody (Monoclonal, 36S07)

Catalog Number: M00979-5

About S100b

S100 protein is a 21,000-Da component first isolated from brain by Moore (1965). Immunocytochemical studies demonstrated that S100 protein is produced by a wide variety of normal and neoplastic cells of mesodermal, neuroectodermal, and epithelial origin (Herrera et al., 1988). The S100 molecule is a dimer; thus there are 3 forms of S100: alpha-alpha, known as S-100a (0); alpha-beta, known as S-100a; and beta-beta, known as S-100b. S100 genes are clustered on human chromosome 1q21. S-100 protein expression by primary and metastatic adenocarcinomas.

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Overview

Product Name	Anti-S-100(Beta-subunit) S100b Antibody (Monoclonal, 36S07)
Reactive Species	Human, Rabbit, Rat
Description	Boster Bio Anti-S-100 (Beta-subunit) S100b Antibody (Monoclonal, 36S07) catalog # M00979-5. Tested in IHC applications. This antibody reacts with Human, Rabbit, Rat.
Application	IHC
Clonality	Monoclonal 36S07
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P04631

Technical Details

Immunogen	Bovine brain S-100b.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins

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Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 1-2ug/ml, Human, rabbit, rat

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For Research Use Only. Not for use in diagnostic procedures.