



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and DataSheet

Mouse Anti S100

Catalog No.	Species	Isotype
MD-19-0156	Mouse	IgM, kappa

Preparation

Host Animal: Mouse
Source: Ascites
Format: Purified, Liquid
Purification: >70% pure (SDS-PAGE). Size exclusion chromatography.

Specificity

S100 is a nervous tissue specific soluble protein made in glial cells. Present in sweat glands chondrocytes and myoepithelial cells. Used to mark melanomas, some breast carcinomas and neural tumors. Staining pattern may be found as cytoplasmic, membranous or mixed through the areas of tumor. Usually cytoplasmic when present in normal tissues.

Formulation

Format: Purified, Liquid
Concentration: 1.2mg/ml (OD280nm, $E^{0.1\%} = 1.4$)
Affinity Constant: Not determined
Buffer: 10mM Phosphate, pH 7.4 containing 150mM Sodium chloride
Preservative: 0.1% Sodium Azide

Storage

Short-term (up to 7 days) store at 2-8°C. Long term, aliquot and store at <-40°C.
If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used.

Avoid multiple freeze/thaw cycles.

Expiration date is one year from date of reconstitution.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			.	
Western Blotting			.	
Immunohistochemistry	.			
EIA			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
Competitive RIA			.	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**