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Datasheet for ABIN236306
anti-S-100 antibody

Overview

Quantity:	100 µg
Target:	S-100
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This S-100 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Clone:	131-12211(KJ22-1-1)
Isotype:	IgM
Cross-Reactivity (Details):	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.
Characteristics:	MAB to S100, Monoclonal antibody to Human S100
Purification:	Protein A Chromatography. Ascites
Purity:	> 90 % pure (SDS-PAGE)
Sterility:	0.2 µm filtered

Target Details

Target: S-100

Abstract: [S-100 Products](#)

Application Details

Application Notes: Suitable for use in immunohistochemistry. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 10 mM Phosphate, pH 7.4 containing 150 mM Sodium chloride, 0.1 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Centrifuge product if not completely clear after standing at room temperature.
Prepare working dilution only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Short-term (up to 7 days) store at 2-8 °C. Long term, aliquot and store at <-48 °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.

Expiry Date: 1 week