



SATB2 (EP281) Rabbit Monoclonal Primary Antibody

For Research Use Only (RUO)

Product Availability

REF	Description
384R-14	0.1 ml concentrate
384R-15	0.5 ml concentrate
384R-16	1.0 ml concentrate
384R-17	1.0 ml predilute ready-to-use
384R-18	7.0 ml predilute ready-to-use

Symbol Definitions

KEY-CODE	keycode
D	predilute
C	concentrate
A	ascites
S	serum
U	supernatant
DN	concentrate dilution range

Application

This product is intended for research use only. Not for use in diagnostic procedures.

Anti-SATB2 (EP281) may be used as the primary antibody for immunohistochemical staining of formalin-fixed, paraffin-embedded tissue sections.

Materials

Reagent Provided

Product Composition	
Predilute: diluted in	Tris Buffer, pH 7.3-7.7, with 1% BSA and <0.1% Sodium Azide
Concentrate: diluted in	Tris Buffer, pH 7.3-7.7, with 1% BSA and <0.1% Sodium Azide
Isotype	IgG
Predilute Ig concentration range	1.0-10.0 µg/ml
Concentrate Ig concentration range	2.5-250 µg/ml
Recommended working dilution range	1:25-1:100

See product label for lot specific information for the following

- Antibody immunoglobulin concentration
- Source details

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Reconstitution, Mixing, Dilution, Titration

Prediluted antibody is ready-to-use and optimized for staining. No reconstitution, mixing, dilution, or titration is required. The concentrated antibody is optimized to be diluted to within the dilution range using Cell Marque Diamond Diluent.

Storage and Handling

Store at 2-8°C. Do not freeze.

To ensure proper reagent delivery and stability of the antibody after every run, the cap must be replaced and the bottle must be immediately placed in the refrigerator in an upright position.

Every antibody reagent is expiration dated. When properly stored, the reagent is stable to the date indicated on the label. Do not use reagent beyond the expiration date for the prescribed storage method.

There are no definitive signs to indicate instability of this product; therefore, positive and negative controls should be run simultaneously with unknown specimens. Contact Cell Marque customer service if there is a suspected indication of reagent instability.

Warnings And Precautions

- This product is for research use only. Not for use in diagnostic procedures.
- Take reasonable precautions when handling reagents. Use disposable gloves and lab coats when handling suspected carcinogens or toxic materials (example: xylene).
- Avoid contact of reagents with eyes and mucous membranes. If reagents come in contact with sensitive areas, wash with copious amounts of water.
- Avoid microbial contamination of reagents, as this could produce incorrect results.
- The user must validate incubation times and temperatures.
- The prediluted, ready-to-use reagents are optimally diluted, and further dilution may result in loss of antigen staining.
- The concentrated reagents may be diluted optimally based on validation by user. Any diluent used that is not specifically recommended here must likewise be validated by the user for both its compatibility and effect on stability.
- When used according to instructions, this product is not classified as a hazardous substance. The preservative in the reagent is less than 0.1% sodium azide and does not meet the OSHA (USA) criteria for hazardous substance at the stated concentration. See MSDS.
- The user must validate any storage conditions other than those specified in the package insert.
- Diluent may contain bovine serum albumin and supernatant may contain bovine serum. The products containing fetal bovine serum and products containing bovine serum albumin are purchased from commercial suppliers. Certificates of Origin for the animal source used in these products are on file at Cell Marque. The certificates support that the bovine sources are from countries with negligible BSE risk and state sources of bovine from USA and Canada.



11. As with any product derived from biological sources, proper handling procedures should be used.

References

- Mangrussie K, et al. SATB2 in combination with cytokeratin 20 identifies over 95% of all colorectal carcinoma. Am J Surg Pathol. 2011; 35:937-948.
- Lin F, et al. Cadherin17 and SATB2 are sensitive and specific immunomarkers for medullary carcinoma of the large intestine. Arch Pathol Lab Med. 2014; 138:1015-26.
- Li Z, et al. SATB2 is a highly sensitive marker for hindgut well-differentiated neuroendocrine tumors. Mod Pathol. 2013; 26:164A.
- Cinier JR, et al. SATB2 is a novel marker of osteoblastic differentiation in bone and soft tissue tumors. Histopathology. 2013; 63:182-193.
- Dragomir A, et al. The role of SATB2 as a diagnostic marker for tumors of colorectal origin. Am J Clin Pathol. 2014; 141:630-38.

Disclaimers

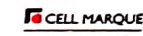
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RU038431020

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C 0.1 mL
CAT: 384R-14-RUO
LOT: 0000120228



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Made in USA

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