

Product Datasheet

SATB2 Antibody (rSATB2/6929) [Alexa Fluor® 488] NBP3-14288AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-14288AF488

SATB2 Antibody (rSATB2/6929) [Alexa Fluor® 488]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	rSATB2/6929
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 488
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	23314
Gene Symbol	SATB2
Species	Human
Reactivity Notes	0
Marker	Colorectal Carcinoma Marker
Specificity/Sensitivity	SATB2 is a DNA binding protein that specifically binds nuclear matrix attachment regions. It is involved in transcription regulation and chromatin remodeling. SATB2 expression in colorectal carcinomas (CRC) is correlated with good prognosis and in laryngeal squamous cell carcinoma it functions as a tumor suppressor wherein loss of expression is positively correlated with high tumor grade and recurrence. Moreover, SATB2, in combination with CK20, could identify almost all CRC s. Upper gastrointestinal (GI) carcinomas and pancreatic ductal carcinomas are usually negative for SATB2, and ovarian carcinomas, lung adenocarcinomas, and adenocarcinomas from other origin are rarely positive for SATB2. Additionally, SATB2 antibody can identify neuroendocrine neoplasms of colon and rectum because SATB2 is usually negative in neuroendocrine neoplasms of the GI tract, pancreas, and lung. More recently, it has been reported that SATB2 is a sensitive marker for tumors with osteoblastic differentiation.
Immunogen	Recombinant fragment (around aa200-300) of human SATB2 protein (exact sequence is proprietary) (Uniprot: Q9UPW6)



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Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP3-14288AF488

IC002G	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 488]
H00023314-P01-2ug	Recombinant Human SATB2 GST (N-Term) Protein
355-BM-010	BMP-2 [Unconjugated]
H00023314-Q01-10ug	Recombinant Human SATB2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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