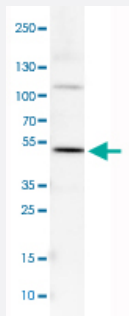


SATB2 monoclonal antibody, clone CL0276

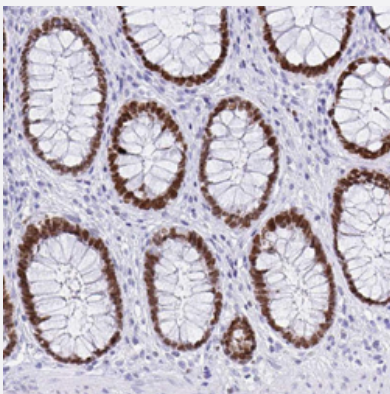
Catalog # MAB15588 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HEL cell lysate with SATB2 monoclonal antibody, clone CL0276 (Cat # MAB15588).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human rectum with SATB2 monoclonal antibody, clone CL0276 (Cat # MAB15588) shows strong nuclear positivity in glandular cells.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human SATB2.
Immunogen	Recombinant protein corresponding to human SATB2.
Epitope	This antibody binds to an epitope located within the peptide sequence LVNLRAMQNFLNLPE as determined by overlapping synthetic peptides.
Sequence	VSQAVFARVAFNRTQGLLSEILRKEEDPRTASQSLLVNLRAMQNFLNLPEVERDRIYQDERERSM NPNVSMVSSASSSPSSSRTPQAKTSTPTDLPIKVDGANINITAAIYDEIQQEMKRAK
Host	Mouse

Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of HEL cell lysate with SATB2 monoclonal antibody, clone CL0276 (Cat # MAB15588).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human rectum with SATB2 monoclonal antibody, clone CL0276 (Cat # MAB15588) shows strong nuclear positivity in glandular cells.

Gene Info — SATB2

Entrez GeneID	23314
Protein Accession#	Q9UPW6
Gene Name	SATB2
Gene Alias	FLJ21474, FLJ32076, KIAA1034, MGC119474, MGC119477
Gene Description	SATB homeobox 2
Omim ID	119540 608148
Gene Ontology	Hyperlink

Other Designations

OTTHUMP00000163655|SATB family member 2|two cut domains-containing homeodomain protein

Publication Reference

- [Evaluating real-time immunohistochemistry on multiple tissue samples, multiple targets and multiple antibody labeling methods.](#)

Dubois L, Andersson K, Asplund A, Björkelund H.

BMC Research Notes 2013 Dec; 6:542.

Application: IHC-P, Human, Mouse, Colon, Heart muscle, Liver, Tonsil

- [Scalable in situ hybridization on tissue arrays for validation of novel cancer and tissue-specific biomarkers.](#)

Kiflemariam S, Andersson S, Asplund A, Pontén F, Sjöblom T.

PLoS One 2012 Mar; 7(3):e32927.

Application: IHC-P, Human, Human tissue microarray

- [A cohort study of the prognostic and treatment predictive value of SATB2 expression in colorectal cancer.](#)

Eberhard J, Gaber A, Wangefjord S, Nodin B, Uhlén M, Ericson Lindquist K, Jirstrom K.

British Journal of Cancer 2012 Feb; 106(5):931.

Application: IHC-P, Human, Human colorectal cancer, TMA sections

- [Epitope mapping of antibodies using bacterial surface display.](#)

Rockberg J, Löfblom J, Hjelm B, Uhlén M, Ståhl S.

Nature Methods 2008 Dec; 5(12):1039.

Application: Flow Cyt, Bacteria, Staphylococcal cells

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)