Datasheet for ABIN5650239

anti-SOX10 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	SOX10
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SOX10 antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against partial recombinant human SOX10.
Immunogen:	Recombinant protein corresponding to human SOX10.
Sequence:	PHYTDQPSTS QIAYTSLSLP HYGSAFPSIS RPQFDYSDHQ PSGPYYGHSG
Clone:	CL4455
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse

Target Details

Target:	SOX10
Alternative Name:	SOX10 (SOX10 Products)
Background:	Full Gene Name: SRY (sex determining region Y)-box 10

Target Details

	Synonyms: DOM,MGC15649,WS2E,WS4
Gene ID:	6663
Pathways:	Chromatin Binding

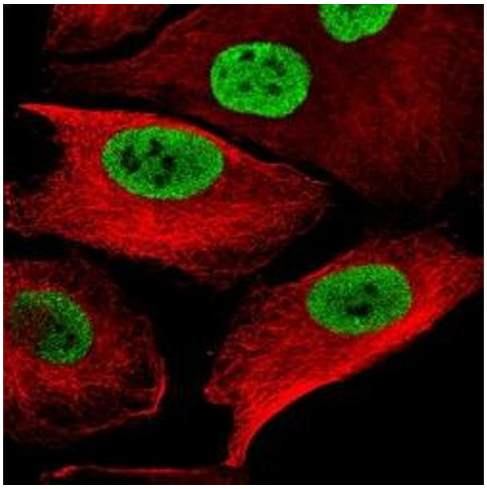
Application Details

Application Notes:	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:2500-1:5000) Immunofluorescence (1-4 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

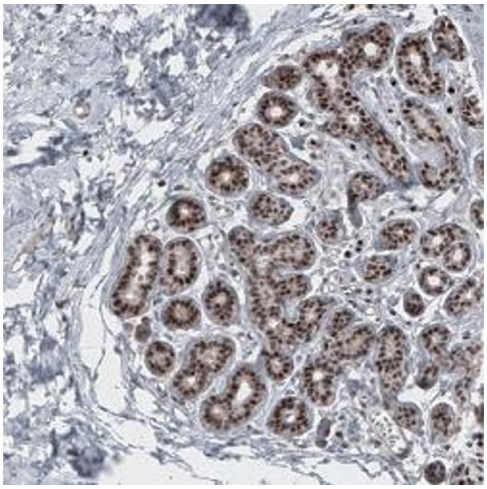
Format:	Liquid
Buffer:	In PBS, pH 7.2 (40 % glycerol, 0.02 % sodium azide).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of WM-115 cell with antibody shows specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively.



Immunohistochemistry

Image 2. Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast shows strong nuclear positivity in glandular cells.