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Datasheet for ABIN533614

anti-CYP26A1 antibody (C-Term)

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Overview

Quantity:	200 µg
Target:	CYP26A1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CYP26A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against synthetic peptide of CYP26A1.
Immunogen:	A synthetic peptide corresponding to C-terminus of human CYP26A1.
Clone:	F27 P6 A1
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Synthetic Peptide.

Target Details

Target:	CYP26A1
Alternative Name:	CYP26A1 (CYP26A1 Products)

Target Details

Gene ID: 1592

Pathways: [Retinoic Acid Receptor Signaling Pathway](#), [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Western Blot (1-2 µg/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-5 µg/mL)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (0.08 % 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: -20 °C

Storage Comment: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Osanai, Petkovich: "Expression of the retinoic acid-metabolizing enzyme CYP26A1 limits programmed cell death." in: **Molecular pharmacology**, Vol. 67, Issue 5, pp. 1808-17, (2005) ([PubMed](#)).

Kumarakulasingham, Rooney, Dundas, Telfer, Melvin, Curran, Murray: "Cytochrome p450 profile of colorectal cancer: identification of markers of prognosis." in: **Clinical cancer research : an official journal of the American Association for Cancer Research**, Vol. 11, Issue 10, pp. 3758-65, (2005) ([PubMed](#)).

Sakai, Luo, McCaffery, Hamada, Dräger: "CYP26A1 and CYP26C1 cooperate in degrading retinoic acid within the equatorial retina during later eye development." in: **Developmental biology**, Vol. 276, Issue 1, pp. 143-57, (2004) ([PubMed](#)).



Western Blotting

Image 1. Western blot on recombinant protein corresponding to C-terminal region of CYP26A1 protein using CYP26A1 monoclonal antibody, clone F27 P6 A1 .