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Datasheet for ABIN533618

anti-CYP4F11 antibody (C-Term)

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Overview

Quantity:	200 µg
Target:	CYP4F11
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CYP4F11 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 CYP4F11.
Immunogen:	A synthetic peptide corresponding to C-terminus of human CYP4F11.
Clone:	F21 P6 F5
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Synthetic Peptide.

Target Details

Target:	CYP4F11
Alternative Name:	CYP4F11 (CYP4F11 Products)

Target Details

Gene ID: 57834

Pathways: [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

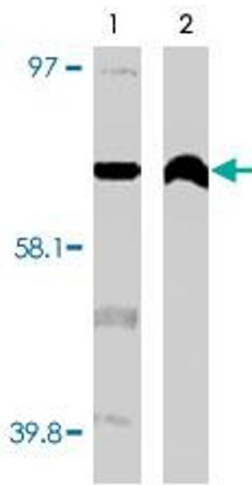
Storage Comment: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: 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](#)).

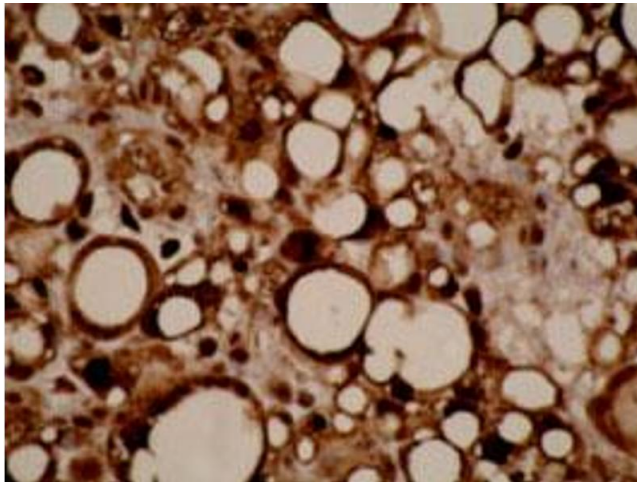
Kalsotra, Turman, Kikuta, Strobel: "Expression and characterization of human cytochrome P450 4F11: Putative role in the metabolism of therapeutic drugs and eicosanoids." in: **Toxicology and applied pharmacology**, Vol. 199, Issue 3, pp. 295-304, (2004) ([PubMed](#)).

Cui, Nelson, Strobel: "A novel human cytochrome P450 4F isoform (CYP4F11): cDNA cloning, expression, and genomic structural characterization." in: **Genomics**, Vol. 68, Issue 2, pp. 161-6, (2000) ([PubMed](#)).



Western Blotting

Image 1. Western blot using CYP4F11 monoclonal antibody, clone F21 P6 F5 on normal (1) and cancerous (2) kidney cell lysates.



Immunohistochemistry

Image 2. Immunohistochemical staining of human liposarcoma cells using CYP4F11 monoclonal antibody, clone F21 P6 F5.