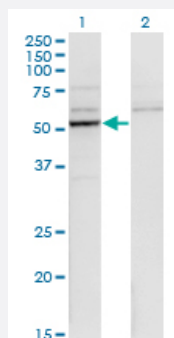


CYP26B1 monoclonal antibody (M01), clone 1H6

Catalog # H00056603-M01

Size 100 ug

Applications

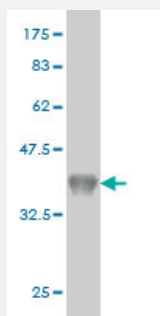


Western Blot (Transfected lysate)

Western Blot analysis of CYP26B1 expression in transfected 293T cell line by CYP26B1 monoclonal antibody (M01), clone 1H6.

Lane 1: CYP26B1 transfected lysate (Predicted MW: 57.5 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CYP26B1.
Immunogen	CYP26B1 (NP_063938, 131 a.a. ~ 230 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SNSIGDIHRNKRKVFSSKIFSHEALESYLPKIQLVIQDTLRAWSSHPEAINVYQEAQKLTFRMAIRVLLGFSIPEEDLGHLFEVYQQFVDNVFSLPVDLPF
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (96); Rat (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of CYP26B1 expression in transfected 293T cell line by CYP26B1 monoclonal antibody (M01), clone 1H6.

Lane 1: CYP26B1 transfected lysate (Predicted MW: 57.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CYP26B1

Entrez GeneID	56603
GeneBank Accession#	NM_019885
Protein Accession#	NP_063938
Gene Name	CYP26B1
Gene Alias	CYP26A2, DKFZp686G0638, MGC129613, P450RAI-2
Gene Description	cytochrome P450, family 26, subfamily B, polypeptide 1
Omim ID	605207
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases that catalyze many reactions involved in drug metabolism and the synthesis of cholesterol, steroids and other lipids. The enzyme encoded by this gene is involved in the specific inactivation of all-trans-retinoic acid to hydroxylated forms, such as 4-oxo-, 4-OH-, and 18-OH-all-trans-retinoic acid. [provided by RefSeq]

Other Designations

cytochrome P450 retinoid metabolizing protein|cytochrome P450, family 26, subfamily b, polypeptide 1|retinoic acid-metabolizing cytochrome

Publication Reference

- [Expression of a Splice Variant of CYP26B1 in Betel Quid-Related Oral Cancer.](#)

Chen PH, Lee KW, Hsu CC, Chen JY, Wang YH, Chen KK, Wang HM, Huang HW, Huang B.
TheScientificWorldJournal 2014 Jul; 2014:810561.

Application: WB-Ce, Human, HGF-1, Ca9-22 cells

- [Cloning and functional studies of a splice variant of CYP26B1 expressed in vascular cells.](#)

Elmabsout AA, Kumawat A, Saenz-Méndez P, Krivospitskaya O, Sävenstrand H, Olofsson PS, Eriksson LA, Strid A, Valen G, Törmä H, Sirsjö A.
PLoS One 2012 May; 7(5):e36839.

Application: WB-Tr, Human, Monkey, AOSMCs, COS-1, HUVECs

- [CYP26B1 is a novel candidate gene for betel quid-related oral squamous cell carcinoma.](#)

Chen PH, Lee KW, Chen CH, Shieh TY, Ho PS, Wang SJ, Lee CH, Yang SF, Chen MK, Chiang SL, Ko YC.
Oral Oncology 2011 Jul; 47(7):594.

Application: WB-Ti, Human, Oral squamous cell carcinoma

- [The involvement of cytochrome p450 \(CYP\) 26 in the retinoic acid metabolism of human epidermal keratinocytes.](#)

Pavez Lorie E, Li H, Vahlquist A, Torma H.
Biochimica et Biophysica Acta 2009 Mar; 1791(3):220.

Application: WB, Human, Keratinocytes

Pathway

- [Retinol metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Diseases](#)
- [Meningomyelocele](#)
- [Schizophrenia](#)
- [Spinal Dysraphism](#)
- [Vitamin A Deficiency](#)