

## HSD17B1 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant HSD17B1.

Catalog # AT2438a

### Product Information

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<b>Application</b>	WB, IHC, E
<b>Primary Accession</b>	<a href="#">P14061</a>
<b>Other Accession</b>	<a href="#">NM_000413</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 Kappa
<b>Clone Names</b>	2E6
<b>Calculated MW</b>	34950

### Additional Information

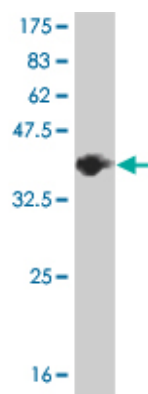
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<b>Gene ID</b>	3292
<b>Other Names</b>	Estradiol 17-beta-dehydrogenase 1, 17-beta-hydroxysteroid dehydrogenase type 1, 17-beta-HSD 1, 20 alpha-hydroxysteroid dehydrogenase, 20-alpha-HSD, E2DH, Placental 17-beta-hydroxysteroid dehydrogenase, HSD17B1, E17KSR, EDH17B1, EDH17B2, EDHB17
<b>Target/Specificity</b>	HSD17B1 (NP_000404, 189 a.a. ~ 285 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IHC~~1:100~500 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	HSD17B1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

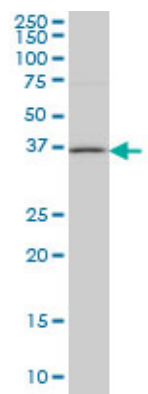
### References

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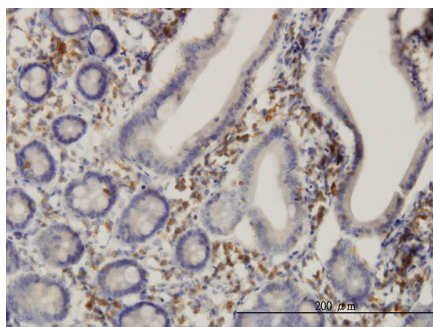
1.The role of estrogen-metabolizing enzymes and estrogen receptors in human epidermis.Inoue T, Miki Y, Abe K, Hatori M, Hosaka M, Kariya Y, Kakuo S, Fujimura T, Hachiya A, Aiba S, Sasano H.Mol Cell Endocrinol. 2011 Jun 29. [Epub ahead of print]2.Increased estrogen sulfatase (STS) and 17beta-hydroxysteroid dehydrogenase type 1(17beta-HSD1) following neoadjuvant aromatase inhibitor therapy in breast cancer patients.Chanplakorn N, Chanplakorn P, Suzuki T, Ono K, Chan MS, Miki Y, Saji S, Ueno T, Toi M, Sasano H.Breast Cancer Res Treat. 2010 Apr;120(3):639-48. Epub 2010 Feb 12.



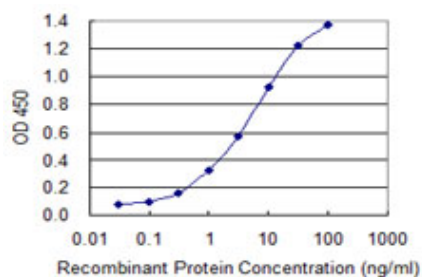
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.41 KDa) .



HSD17B1 monoclonal antibody (M03), clone 2E5 Western Blot analysis of HSD17B1 expression in Jurkat ( (Cat # AT2438a )



Immunoperoxidase of monoclonal antibody to HSD17B1 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged HSD17B1 is 0.03 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.