

Mouse anti-Human Aromatase/Cytochrome P450 (CYP19A1) Monoclonal Antibody | anti-CYP19A1 antibody

Aromatase/Cytochrome P450 (CYP19A1) Mouse Monoclonal Antibody [Clone CYP19A1/4257]

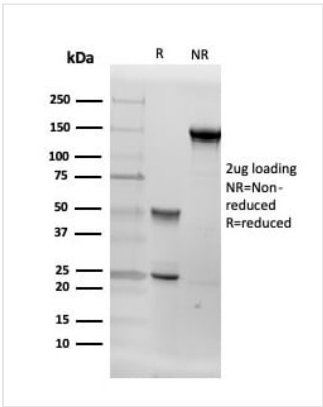
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215585	Mouse	Human	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Aromatase/Cytochrome P450 (CYP19A1); Monoclonal Antibody; Aromatase/Cytochrome P450 (CYP19A1) Mouse Monoclonal Antibody [Clone CYP19A1/4257]; CYPXIX; Cytochrome P-450AROM; Cytochrome P450 19A1; Estrogen synthase; CYP19A1; ARO1; CYAR; CYP19; anti-CYP19A1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2a
Clone Number	CYP19A1/4257
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-CYP19A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide corresponding to aa376-390 of human aromatase (KALEDDVIGYPVKK)
Cellular Localization	Membrane
Positive Control	Human normal placenta.
Hu-chromosome Location	2q32.2
Unigene	41565
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.



SDS-PAGE
SDS-PAGE Analysis Purified Aromatase/CYP450 Mouse Monoclonal Antibody (CYP19A1/4257). Confirmation of Integrity and Purity of Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP19A1 antibody	CYP450 Aromatase is part of the CYP19A1 family involved in the aromatization of androgens to estrogens, a highly conserved mechanism amongst mammals. Clone CYP19A1/4257 recognizes a conserved epitope on the CYP450 aromatase, allowing for detection of aromatase levels using various analysis methods.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885259
NCBI GeneID	2660
NCBI Accession #	NP_005250.1
NCBI GenBank Nucleotide #	NM_005259.2
UniProt Accession #	O14793; Q6B0H2; A1C2J7; A1C2K0
Molecular Weight	42,750 Da
NCBI Official Full Name	growth/differentiation factor 8 preproprotein
NCBI Official Synonym Full Names	myostatin
NCBI Official Symbol	MSTN
NCBI Official Synonym Symbols	GDF8; MSLHP
NCBI Protein Information	growth/differentiation factor 8
UniProt Protein Name	Growth/differentiation factor 8
UniProt Gene Name	MSTN
UniProt Synonym Gene Names	GDF8; GDF-8
UniProt Entry Name	GDF8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.