



Datasheet for ABIN950182
anti-HSD17B12 antibody (Middle Region)



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3 Images

Overview

Quantity:	0.4 mL
Target:	HSD17B12
Binding Specificity:	AA 133-163, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B12 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 133~163 amino acids from the Center region of human 17-beta-HSD12 / HSD17B12
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human 17-beta-HSD12 / HSD17B12 (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	HSD17B12
Alternative Name:	17-beta-HSD12 / HSD17B12 (HSD17B12 Products)

Target Details

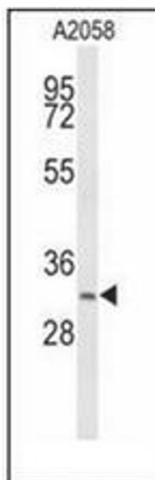
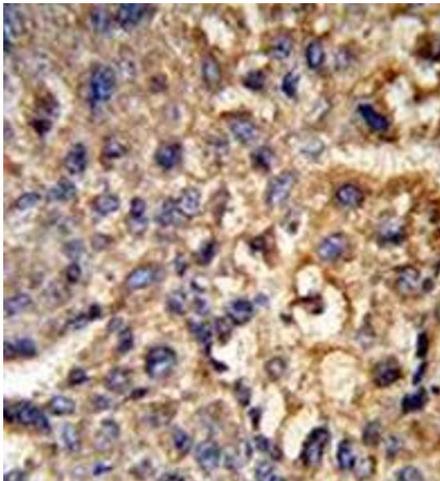
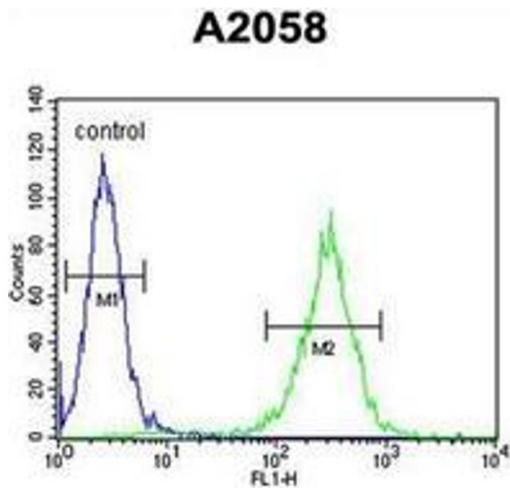
Background:	The enzyme 17-beta hydroxysteroid dehydrogenase-12 (HSD17B12) uses NADPH to reduce 3-ketoacyl-CoA to 3-hydroxyacyl-CoA during the second step of fatty acid elongation.Synonyms: 17-beta-hydroxysteroid dehydrogenase 12, 3-ketoacyl-CoA reductase, Estradiol 17-beta-dehydrogenase 12, KAR
Molecular Weight:	34324 Da
Gene ID:	51144
NCBI Accession:	NP_057226
Pathways:	Steroid Hormone Biosynthesis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow cytometric analysis of A2058 cells using 17-beta-HSD12 / HSD17B12 Antibody (Center) Cat.- No AP52110PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with 17-beta-HSD12 / HSD17B12 Antibody (Center) followed which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.

Western Blotting

Image 3. Western blot analysis of 17-beta-HSD12 / HSD17B12 Antibody (Center) in A2058 cell line lysates (35ug/lane). HSD17B12 (arrow) was detected using the purified Pab.