



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

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|---------------|---|
| 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

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

Target Details

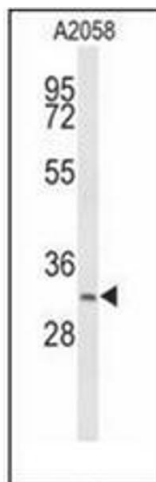
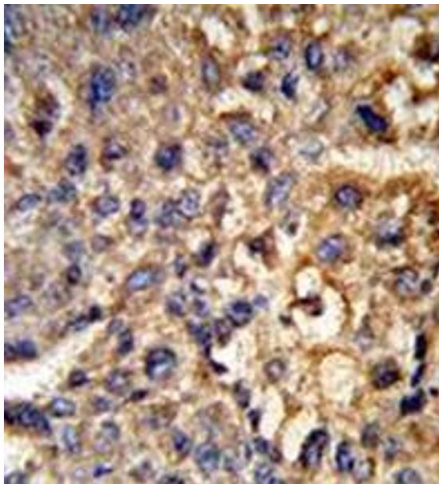
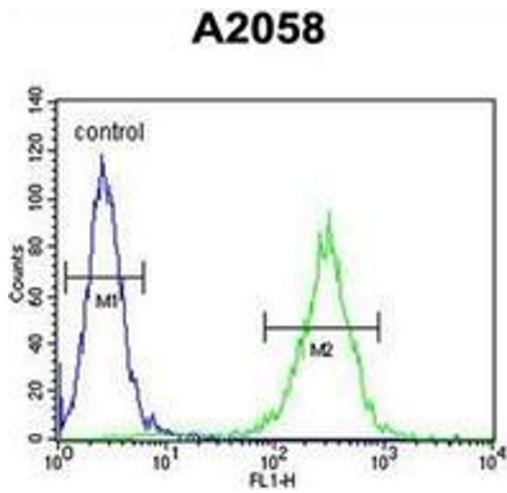
| | |
|-------------------|---|
| Background: | The enzyme 17-beta hydroxysteroid dehydrogenase-12 (HSD17B12) uses NADPH to reduce 3-ketoacyl-CoA to 3-hydroxyacyl-CoA during the second step of fatty acid elongation.Synonyms: 17-beta-hydroxysteroid dehydrogenase 12, 3-ketoacyl-CoA reductase, Estradiol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

Application Details

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

Handling

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|--------------------|--|
| 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.