ARG44489
anti-HSD17B13 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HSD17B13
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Target Name	HSD17B13
Species	Human
Immunogen	Human HSD17B13 recombinant protein
Conjugation	Un-conjugated
Alternate Names	HSD17B13; Hydroxysteroid 17-Beta Dehydrogenase 13; SDR16C3; SCDR9; Short Chain Dehydrogenase/Reductase Family 16C Member 3; 17-Beta-Hydroxysteroid Dehydrogenase 13; Hepatic Retinol/Retinal Dehydrogenase; Short-Chain Dehydrogenase/Reductase 9; 17-Beta-HSD 13; Short Chain Dehydrogenase/Reductase Family 16C, Member 3; Hydroxysteroid (17-Beta) Dehydrogenase 13; 17-Beta Hydroxysteroid Dehydrogenase

Application Instructions

Application table

Application	Dilution
FACS	1-3 µg/1x10^6
IHC-P	2-5 µg/ml
WB	0.25-0.5 µg/ml

Application Note: The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

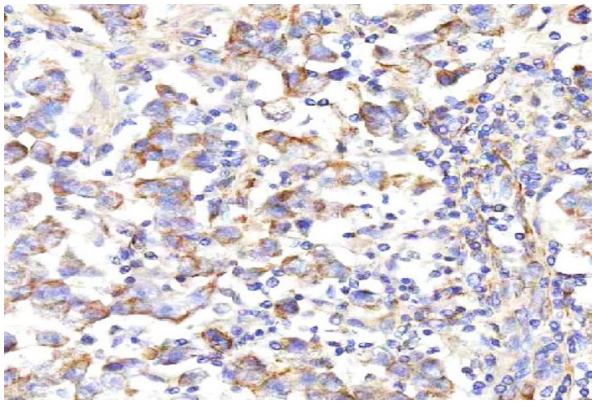
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

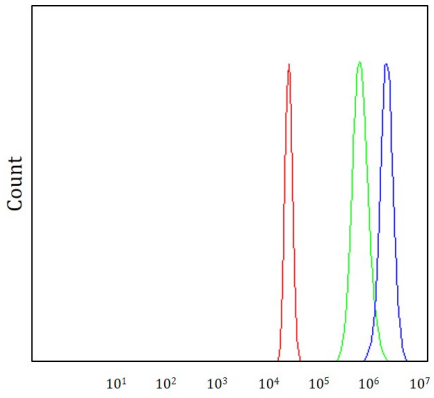
Gene Symbol	HSD17B13
Gene Full Name	Hydroxysteroid 17-Beta Dehydrogenase 13
Background	Predicted to enable oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor and steroid dehydrogenase activity. Acts upstream of or within positive regulation of lipid biosynthetic process. Located in lipid droplet.
Function	Plays a pivotal role in hepatic lipid metabolism.
Calculated Mw	34 kDa
PTM	Phosphoprotein
Cellular Localization	Cytoplasm, Endoplasmic reticulum, Lipid droplet

Images



ARG44489 anti-HSD17B13 antibody IHC-P image

Immunohistochemistry: Human testicular seminoma stained with ARG44489 anti-HSD17B13 antibody at 2 µg/mL dilution.



ARG44489 anti-HSD17B13 antibody FACS image

Flow Cytometry: HepG2 stained with ARG44489 anti-HSD17B13 antibody at 1 µg/10^6 cells dilution.

ARG44489 anti-HSD17B13 antibody WB image

Western blot: Rat liver stained with ARG44489 anti-HSD17B13 antibody at 0.5 µg/mL dilution.

ARG44489 anti-HSD17B13 antibody WB image

Western blot: Mouse liver stained with ARG44489 anti-HSD17B13 antibody at 0.5 µg/mL dilution.