

Product datasheet

Anti-Apolipoprotein B antibody [7B8] ab39560

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Overview

Product name	Anti-Apolipoprotein B antibody [7B8]
Description	Mouse monoclonal [7B8] to Apolipoprotein B
Host species	Mouse
Specificity	Ab39560 has specificity for Apolipoprotein B from serum/plasma. No crossreactivity is seen with Apolipoprotein A1.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Human LDL.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.097% Sodium azide Constituents: 0.0268% PBS, 2.9% Sodium chloride
Purity	Protein A purified
Clonality	Monoclonal
Clone number	7B8
Myeloma	x63-Ag8.653
Isotype	IgG2b
Light chain type	kappa

Applications

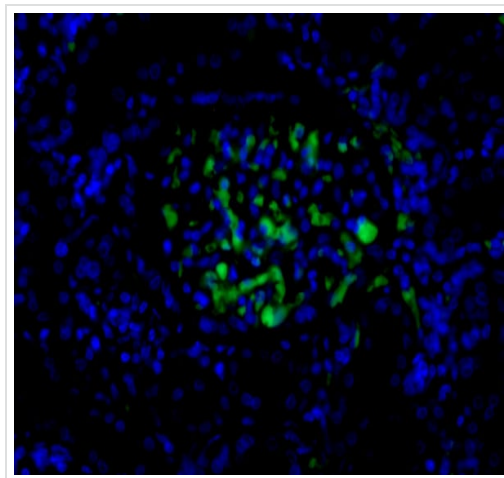
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab39560 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/400.

Target

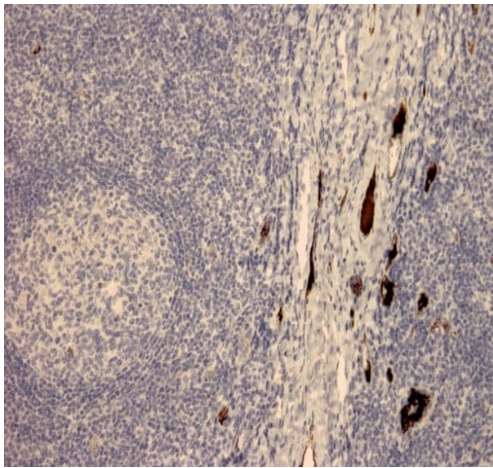
Function	Apolipoprotein B is a major protein constituent of chylomicrons (apo B-48), LDL (apo B-100) and VLDL (apo B-100). Apo B-100 functions as a recognition signal for the cellular binding and internalization of LDL particles by the apoB/E receptor.
Involvement in disease	Hypobetalipoproteinemia, familial, 1 Familial ligand-defective apolipoprotein B-100 Defects in APOB associated with defects in other genes (polygenic) can contribute to hypocholesterolemia.
Sequence similarities	Contains 1 vitellogenin domain.
Post-translational modifications	Palmitoylated; structural requirement for proper assembly of the hydrophobic core of the lipoprotein particle.
Cellular localization	Cytoplasm. Secreted.

Images



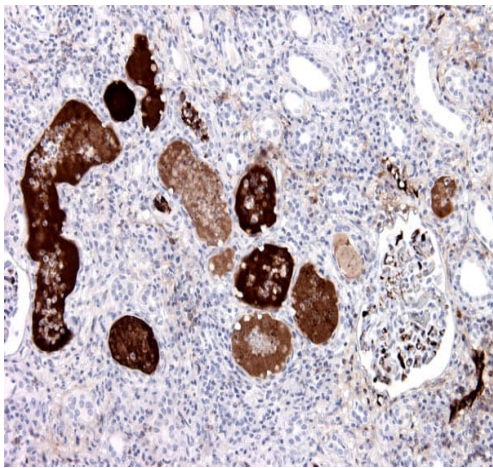
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue labelling Apolipoprotein B with ab39560 at a dilution of 1/100. Signal is strong in the veins of the glomerulus.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apolipoprotein B antibody [7B8] (ab39560)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue labelling Apolipoprotein B with ab39560 at a dilution of 1/400. Plasma of the veins was stained strongly.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apolipoprotein B antibody [7B8] (ab39560)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue labelling Apolipoprotein B with ab39560 at a dilution of 1/400. Plasma veins were stained strongly.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apolipoprotein B antibody [7B8] (ab39560)

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