

Rev01
 Update: Sep,02,2025

DATASHEET

HCG (5B8), mAb, Mouse

Cat. No.: V07002

Overview

Specificity	Specific to human HCG and free beta-hCG. No cross-reactivity with hTSH. Cross-reactivity with hLH and hFSH are not tested.
Recommended Pairs	Sandwich immunoassay (Capture-Detection): 5A8 - 5B8
Clone ID	5B8
Isotype	IgG1 for mAbs 5B8
Subclass	IgG1
Host Species	Mouse
Antigen Species	Human

Properties

Conjugation	Unconjugated
Production	Cultured in vitro under conditions free from animal-derived components
Purification	Protein A/G affinity column
Concentration	≥ 2mg/ml
Formulation	50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% ProClin 300.
Storage	For long term storage, aliquot and store at -25°C~-15°C or below. Avoid repeated freezing and thawing cycles.
Note	GenScript can customize this product per customer's request including product size, buffer components, etc.

Applications

Capture	Detection	Capture
ELISA	5A8	5B8

Background

Target Background : Human chorionic gonadotropin (HCG) is a polypeptide hormone produced by the human placenta. HCG is a heterodimer, composed of an alpha and a beta subunit. The level of HCG is elevated in the serum of pregnant women. It is a useful marker for diagnosis of pregnancy.

Synonyms : HCG Antibody (5B8), mAb, Mouse

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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