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Datasheet for ABIN7427606
anti-CGB antibody (AA 31-165)

2 Images

Overview

Quantity:	100 µL
Target:	CGB
Binding Specificity:	AA 31-165
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CGB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Chorionic Gonadotropin Beta Polypeptide (CGb)
Immunogen:	Recombinant Chorionic Gonadotropin Beta Polypeptide (CGb) corresponding to Pro31~Gln165 (Accession # P01233)
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against CGb. It has been selected for its ability to recognize CGb in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	CGB
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Target Details

Alternative Name:	Chorionic Gonadotropin Beta Polypeptide (CGB Products)
Background:	CG-B, CGB3, hCGB, HCG, CGb5, CGb7, CGb8, Choriogonadotropin subunit beta

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:500-5000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

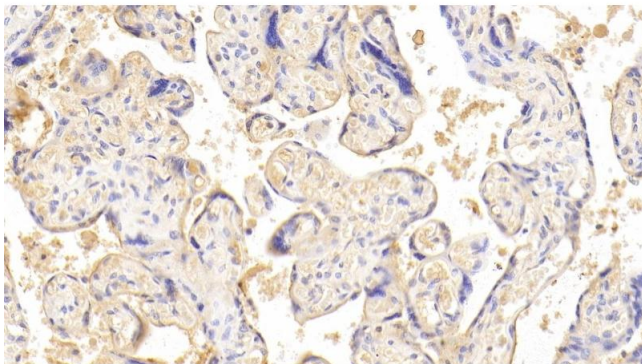
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of CGb in JAR cell lysate using Monoclonal Antibody to Chorionic Gonadotropin Beta Polypeptide (CGb)



Immunohistochemistry

Image 2. Detection of CGb in Human Placenta Tissue using Monoclonal Antibody to Chorionic Gonadotropin Beta Polypeptide (CGb)