

hCG α (AB1550) mouse mAb

W0349

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 13 kDa (calculated)
- 13 kDa (observed)

Isotype

- IgG2a, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1550

Immunogen A synthetic peptide corresponding to the amino acid region 25 - 100 of the human hCG α protein.

Specificity The antibody can specifically recognize α subunits of human CG, LHuman, Rat, Mouse, d TSH proteins. In western blotting of Hela cell lysate, the antibody can label a 18 kDa band.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name CGA

Protein Name hCG α

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P01215	1081

Background HCG is a glycoprotein hormone produced by placental syncytiotrophoblast cells. It is a dimer composed of α and β subunits with non-covalently bound. Chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH) and thyroid stimulating hormone (TSH) are all composed of α and β subunits dimer, and their α subunit are the same, but β subunit is unique. Used for the classification of pituitary adenomas.