

# HCG Antibody

Mouse Monoclonal Antibody (Mab)

Catalog # AD80080

## Product Information

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<b>Application</b>	IHC
<b>Primary Accession</b>	<a href="#">P01215</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Clone Names</b>	627F1B1
<b>Calculated MW</b>	13075

## Additional Information

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<b>Gene ID</b>	1081
<b>Gene Name</b>	CGA
<b>Other Names</b>	Glycoprotein hormones alpha chain, Anterior pituitary glycoprotein hormones common subunit alpha, Choriogonadotropin alpha chain, Chorionic gonadotrophin subunit alpha, CG-alpha, Follicle-stimulating hormone alpha chain, FSH-alpha, Follicle-stimulating hormone alpha chain, Luteinizing hormone alpha chain, LSH-alpha, Lutropin alpha chain, Thyroid-stimulating hormone alpha chain, TSH-alpha, Thyrotropin alpha chain, CGA
<b>Dilution</b>	IHC~~Ready-to-use
<b>Storage</b>	Maintain refrigerated at 2-8°C.
<b>Precautions</b>	HCG Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

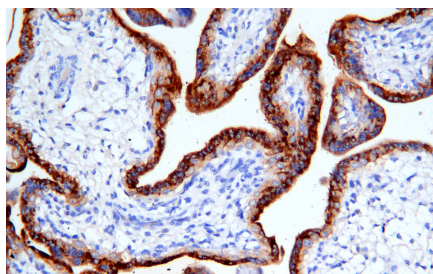
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<b>Name</b>	CGA
<b>Function</b>	Shared alpha chain of the active heterodimeric glycoprotein hormones thyrotropin/thyroid stimulating hormone/TSH, lutropin/luteinizing hormone/LH, follitropin/follicle stimulating hormone/FSH and choriogonadotropin/CG. These hormones bind specific receptors on target cells that in turn activate downstream signaling pathways.
<b>Cellular Location</b>	Secreted

## Images

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Immunohistochemical analysis of paraffin-embedded



human placenta tissue using AD80080 performed on the Abcarta® FAIP-48 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH 6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems (Abcepta: ADR005) was used as the secondary antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.