

Rabbit Growth Hormone Monoclonal Antibody | anti-GHR antibody

Growth Hormone Receptor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30413	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

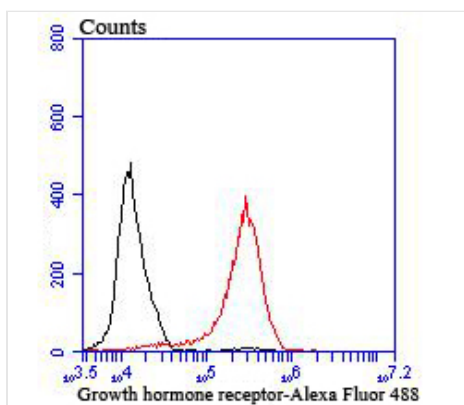
PRODUCT SYNONYMS

Growth Hormone; Monoclonal Antibody; Growth Hormone Receptor Antibody; GH receptor antibody; GH-binding protein antibody; GHBP antibody; GHBP; included antibody; GHR antibody; GHR_HUMAN antibody; Growth hormone binding protein antibody; Growth hormone receptor antibody; Growth hormone receptor precursor antibody; Growth hormone-binding protein antibody; Growth hormone-binding protein; Increased responsiveness to growth hormone; Serum binding protein antibody; Serum-binding protein antibody; Somatotropin receptor antibody; anti-GHR antibody

PRODUCT SPECIFICATIONS

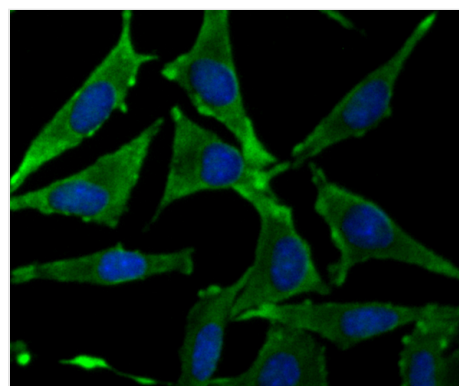
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JU01-34
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-GHR antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	IHC: 1:50-1:200 ICC: 1:50-1:200 FC: 1:50-1:100
Immunogen Description	Recombinant protein
Preparation and Storage	Store at -20°C.

IMAGES



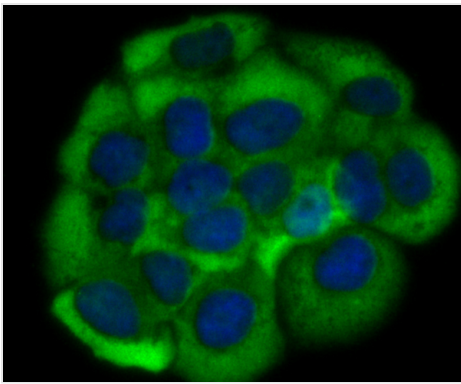
FCM (Flow Cytometry)

Flow cytometric analysis of MCF-7 cells with Growth hormone receptor antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



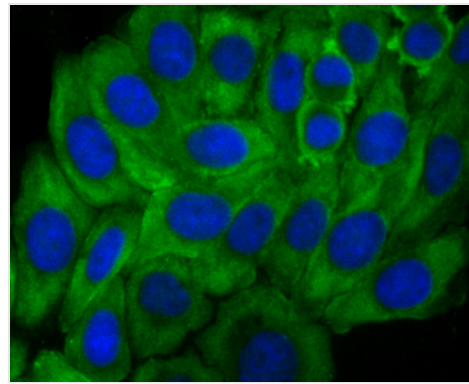
ICC (Immunocytochemistry)

ICC staining Growth hormone receptor in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



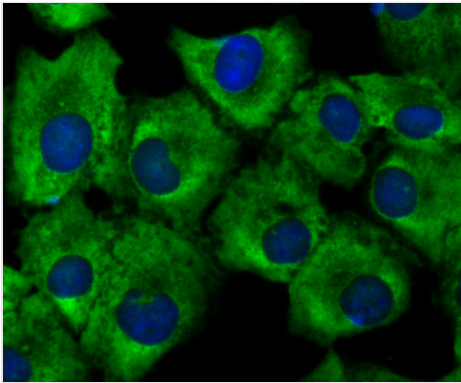
ICC (Immunocytochemistry)

ICC staining Growth hormone receptor in JAR cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



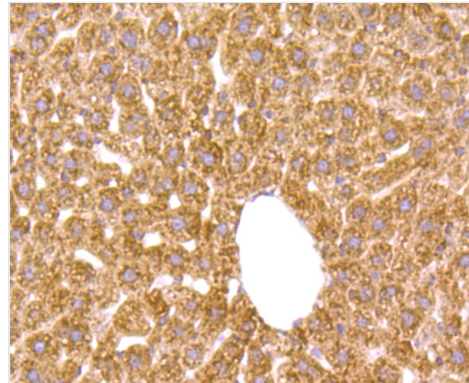
ICC (Immunocytochemistry)

ICC staining Growth hormone receptor in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Growth hormone receptor in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-Growth hormone receptor antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-GHR antibody	Background: GHR (growth hormone receptor) binds growth hormone (GH), which is produced by the anterior pituitary and regulates body growth and other metabolic processes. GHR is an integral membrane protein and a member of the cytokine receptor family. A common characteristic of the cytokine receptor family is having soluble forms of the protein. The soluble form of GHR is GH-binding protein (GHBP), which is generated by the proteolytic cleavage of the extracellular domain of GHR (2-4). Reduced levels of GHBP are associated with GH insensitivity syndrome (GHIS) (2,4). GHR has been shown to be transcribed via at least two different promoters, resulting in GHR 1A and GHR 1B. Both GHR 1A and 1B are expressed in liver, whereas GHR 1B is also expressed in muscle, uterus, and ovary tissues.
Product Categories/Family for anti-GHR antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503993
NCBI GeneID	2690
NCBI Accession #	NP_000154.1
NCBI GenBank Nucleotide #	NM_000163.4
UniProt Accession #	P10912; Q9HCX2
Molecular Weight	Calculated MW: 71kDa

NCBI Official Full Name	growth hormone receptor isoform 1
NCBI Official Synonym Full Names	growth hormone receptor
NCBI Official Symbol	GHR
NCBI Official Synonym Symbols	GHBP
NCBI Protein Information	growth hormone receptor; GH receptor; serum binding protein; somatotropin receptor; growth hormone binding protein
UniProt Protein Name	Growth hormone receptor
UniProt Gene Name	GHR
UniProt Synonym Gene Names	GH receptor; GH-binding protein; GHBP
UniProt Entry Name	GHR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/monoclonal/growth-hormone-antibody-clone-ju01-34-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/30413>