

ARG45148 anti-AMHR2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes AMHR2
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	AMHR2
Species	Human
Immunogen	Synthetic peptide corresponding to C-terminal region of human AMHR2.
Conjugation	Un-conjugated
Alternate Names	MISRII; EC 2.7.11.30; MRII; AMHR; MIS type II receptor; AMH type II receptor; Anti-Muellerian hormone type-2 receptor; MISR2; Anti-Muellerian hormone type II receptor

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	0.5-1 µg/ml
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	65 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

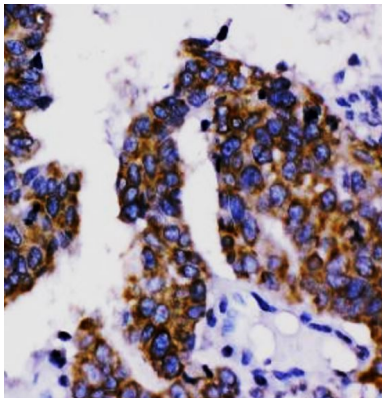
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

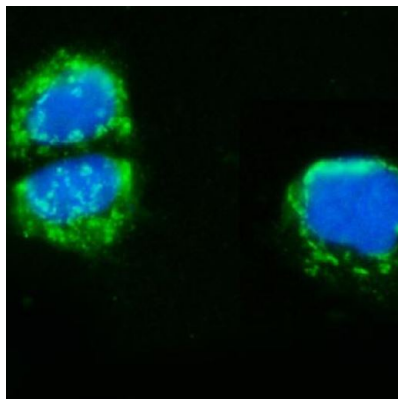
Gene Symbol	AMHR2
Gene Full Name	anti-Mullerian hormone receptor, type II
Background	This gene encodes the receptor for the anti-Mullerian hormone (AMH) which, in addition to testosterone, results in male sex differentiation. AMH and testosterone are produced in the testes by different cells and have different effects. Testosterone promotes the development of male genitalia while the binding of AMH to the encoded receptor prevents the development of the mullerian ducts into uterus and Fallopian tubes. Mutations in this gene are associated with persistent Mullerian duct syndrome type II. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Sep 2009]
Function	On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Receptor for anti-Muellerian hormone. [UniProt]
Calculated Mw	63 kDa
PTM	Disulfide bond; Glycoprotein. [UniProt]
Cellular Localization	Membrane. [UniProt]

Images



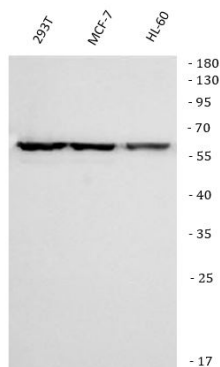
ARG45148 anti-AMHR2 antibody IHC-P image

Immunohistochemistry: Human ovarian cancer stained with ARG45148 anti-AMHR2 antibody at 1 µg/ml dilution.



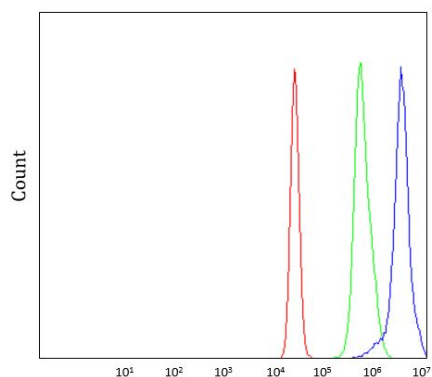
ARG45148 anti-AMHR2 antibody ICC/IF image

Immunofluorescence: CACO-2 stained with ARG45148 anti-AMHR2 antibody at 5 µg/ml dilution.



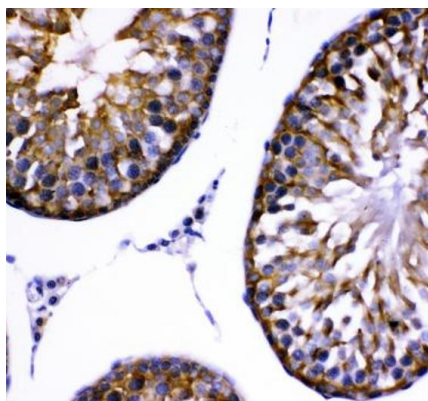
ARG45148 anti-AMHR2 antibody WB image

Western blot: 293T, MCF-7, and HL-60 stained with ARG45148 anti-AMHR2 antibody at 0.5 $\mu\text{g/ml}$ dilution.



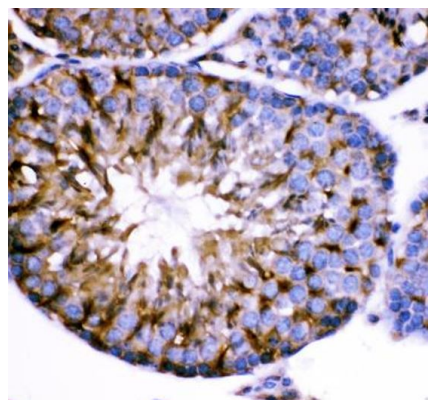
ARG45148 anti-AMHR2 antibody FACS image

Flow Cytometry: K562 stained with ARG45148 anti-AMHR2 antibody at 1 $\mu\text{g}/10^6$ cells dilution.



ARG45148 anti-AMHR2 antibody IHC-P image

Immunohistochemistry: Rat testis stained with ARG45148 anti-AMHR2 antibody at 1 $\mu\text{g/ml}$ dilution.



ARG45148 anti-AMHR2 antibody IHC-P image

Immunohistochemistry: Mouse testis stained with ARG45148 anti-AMHR2 antibody at 1 $\mu\text{g/ml}$ dilution.