PC6 (Clone 9H12)

Catalogue number: 154227
Sub-type:
Images:

Contributor

Inventor:
Institute: Hudson Institute of Medical Research
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: PC6 (Clone 9H12)

Alternate name: PC6

Class: Monoclonal
Conjugate: Unconjugated
Description: Potential uterine fluid biomarker for endometrium receptivity. Determining endometrial receptivity is vital in in vitro fertilization (IVF) treatment because the timing of embryo transfer needs to be synchronized with endometrial receptivity. We have previously demonstrated that proprotein convertase 5/6A (PC6) is highly expressed in the receptive endometrium and that PC6 is critical for receptivity establishment in women. Endometrial PC6 is secreted into the uterine fluid, and levels correla...
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype:
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Synthetic peptides of human PC6 (PSGYLLDLGMC 857-867 aa; CPPGHYHADK 674-684 aa; NSAVRSIYKASGC 482-494 aa conjugated to keyhole limpet hemocyanin though a C-terminal Cys
Immunogen UNIPROT ID:
Sequence:
Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Proprotein convertase 5/6A (PC6)

Target alternate names:

Target background: Potential uterine fluid biomarker for endometrium receptivity. Determining endometrial receptivity is vital in in vitro fertilization (IVF) treatment because the timing of embryo transfer needs to be synchronized with endometrial receptivity. We have previously demonstrated that proprotein convertase 5/6A (PC6) is highly expressed in the receptive endometrium and that PC6 is critical for receptivity establishment in women. Endometrial PC6 is secreted into the uterine fluid, and levels correla...

Molecular weight: 90

Ic50:

Applications

Application: IHC ; WB
Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools: PC6 Monoclonal Antibody (Clone 8F5)

References

References: Henry et al. 2019. Immunogenetics. 71(4):307-320. PMID: 30656359.