

# HtrA3 (Clone 9C9)

**Catalogue number:** 154233

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:**

**Institute:** Hudson Institute Of Medical Research

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** HtrA3 (Clone 9C9)

**Alternate name:** HtrA3

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Potential marker for preeclampsia. Detection of endogenous HtrA3 proteins in human serum HtrA3 are oligomeric serine proteases involved in protein quality control , regulate signal transduction in cell growth, apoptosis, inflammation in cancer, arthritis, neurodegenerative and neuromuscular disorders, age-related macular degeneration, pregnancy-specific disease preeclampsia

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** HtrA3-L-S305A protein

**Immunogen UNIPROT ID:** P83110, HTRA3\_HUMAN

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Human HtrA3 (high temperature requirement factor A)

**Target alternate names:**

**Target background:** Potential marker for preeclampsia. Detection of endogenous HtrA3 proteins in human serum HtrA3 are oligomeric serine proteases involved in protein quality control , regulate signal transduction in cell growth, apoptosis, inflammation in cancer, arthritis, neurodegenerative and neuromuscular disorders, age-related macular degeneration, pregnancy-specific disease preeclampsia

**Molecular weight:** 48 kDa (46.9 kDa plus 1 kDa for the His tag)

**Ic50:**

## Applications

**Application:** ELISA

**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:** HtrA3 Monoclonal Antibody (Clone 6G6) ; HtrA3 Monoclonal Antibody (Clone 2C4) ; HtrA3 Monoclonal Antibody (Clone 3E6) ; HtrA3 Monoclonal Antibody (Clone 10H10)

## References

**References:** Wang et al. 2018. SLAS Discov. 23(10):1092-1099. PMID: 27932697. ; HtrA3 Isoform-Specific ELISAs for Early Detection of Preeclampsia. ; Activity-modulating monoclonal antibodies to the human serine protease HtrA3 provide novel insights into regulating HtrA proteolytic activities. ; Singh et al. 2014. PLoS One. 9(9):e108235. PMID: 25248123. ; HtrA3 as an early marker for preeclampsia: specific monoclonal antibodies and sensitive high-throughput assays for serum screening. ; Dynon et al. 2012. PLoS One. 7(9):e45956. PMID: 23049902.

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