



Mycoplasma hominis p120 (6507): sc-58172

BACKGROUND

Mycoplasma compose a genus of small microorganisms resembling bacteria without cell walls. Many different species of *Mycoplasma* exist, all of which are aggressive invaders. *Mycoplasmas* are sometimes accidentally found in research laboratories caused by the reckless handling of cell cultures. Somewhat difficult to detect and eliminate from cell lines, these parasites are also immune to antibiotics that target cell wall synthesis. Numerous species of *Mycoplasma* proliferate in humans, but one of the most prevalent is *Mycoplasma hominis*. *Mycoplasma* species are organized into two groups based on 16S rRNA gene sequences, *Mycoplasma hominis* and *Mycoplasma pneumoniae*. The *hominis* group includes the *M. bovis*, *M. pulmonis*, and *Mycoplasma hominis* species. One of the most common pathogens of the genital tract, *Mycoplasma hominis* becomes pathogenic only upon invasion of the internal organs. Associated with increased production of proinflammatory cytokines in reproductive tissues during preterm labor, *M. hominis* also has capabilities as an extragenital pathogen in musculoskeletal infections.

REFERENCES

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SOURCE

Mycoplasma hominis p120 (6507) is a mouse monoclonal antibody raised against *Mycoplasma hominis*.

PRODUCT

Each vial contains 100 µg IgG₁ in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

Mycoplasma hominis p120 (6507) is recommended for detection of *Mycoplasma hominis* origin by immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500).

Molecular Weight of Mycoplasma hominis p120: 78 kDa.

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.