OKT 3

300499

GENERAL INFORMATION

Description

□นูถูกกระตุ้นภูมิคุ้มกันด้วยลิมโฟไซต์จากเลือดมนุษย์ ไซโตจากม้ามถูกฟิวส์กับเซลล์ไมอีโลมา P3x63Ag8.U1 แอนติบอดีชนิดโมโนโคลนอลที่ผลิตโดยไฮบริโดมาถูกใช้เป็นสารกดภูมิคุ้มกันภายใต้ชื่อ Muromonab-CD3

Tissue	ม้าม

Applications

ภูมิคุ้มกันวิทยา, การผลิตแอนติบอดีเพื่อการรักษา

Synonyms

- OKT3

CLASSIFICATION

Organism	Mouse
Growth properties	Adherent and suspension
Biosafety level	1

CHARACTERISTICS

Morphology	ลิมโฟบลาสต์
Cell type	ไฮบริโดมา (ม้าม, เซลล์บี)

IDENTIFIERS

Citation

OKT 3 (□มายเลขแคตตาล็อก Cytion 300499)

NCBI TaxID	10090
Cellosaurus	CVCL_2665

EXPRESSION AND SUSCEPTIBILITY

Products

อิมมูโนโกลบูลิน, โมโนโคลนอลแอนติบอดี, ต่อเซลล์ทีของมนุษย์ (ลิมโฟไซต์ทีของมนุษย์), ต่อ CD3

HANDLING AND CULTURE

Culture medium

RPMI 1640, w: 2.0 mM กลูตามีนเสถียร, w: 2.0 กรัม/ลิตร NaHCO3 (□มายเลขบทความ Cytion 820700a)

Incubation atmosphere	37°C, 5%CO2, บรรยากาศชื้น

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Supplements

[illegible] FBS [illegible] 10%

Subculturing

[illegible] 1 x 10⁵ [illegible]/[illegible]

Thawing and culturing

Confirm that the vial remains deeply frozen upon delivery, as cells are shipped on dry ice to maintain optimal temperatures during transit.
Upon receipt, either store the cryovial immediately at temperatures below -150°C to ensure the preservation of cellular integrity, or proceed to step 3 if immediate culturing is required.
For immediate culturing, swiftly thaw the vial by immersing it in a 37°C water bath with clean water and an antimicrobial agent, agitating gently for 40-60 seconds until a small ice clump remains.
Perform all subsequent steps under sterile conditions in a flow hood, disinfecting the cryovial with 70% ethanol before opening.
Carefully open the disinfected vial and transfer the cell suspension into a 15 ml centrifuge tube containing 8 ml of room-temperature culture medium, mixing gently.
Centrifuge the mixture at 300 x g for 3 minutes to separate the cells and carefully discard the supernatant containing residual freezing medium.
Gently resuspend the cell pellet in 10 ml of fresh culture medium. For adherent cells, divide the suspension between two T25 culture flasks; for suspension cultures, transfer all the medium into one T25 flask to promote effective cell interaction and growth.
Adhere to established subculture protocols for continued growth and maintenance of the cell line, ensuring reliable experimental outcomes.

QUALITY CONTROL AND CRYOPRESERVATION

Sterility

[illegible] PCR [illegible]

[illegible]

Freeze medium	[illegible] ([illegible] FBS) + 10% DMSO [illegible] CM-1 ([illegible] Cytion 800100) [illegible]

Storage conditions

[illegible] −150 [illegible] −196 °C [illegible] −80 °C [illegible]

Shipping conditions

[illegible] −78 °C [illegible]

DONOR

Breed / subspecies	CAF1 x BALB/c

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LEGAL AND SAFETY

Safety precautions

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Warranty

[illegible]Cytion [illegible]
[illegible]
60 [illegible]
[illegible]
[illegible] [illegible]/[illegible]
[illegible] [illegible]
<a href=""/Who-we-are/Warranty/"" hreflang=""x-default"">[illegible].

Material Transfer Agreement required	Yes

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