

XXXX XXXX XXXXXXXXXXXXXXXX XXXXXXXX - XX XXXX(HMSC-BM) | 300665

Description	HMSC-BM is a high-throughput, high-resolution, and high-contrast (HMSC-BM) microscopy technique that combines the advantages of confocal microscopy, multi-photon microscopy, and super-resolution microscopy. It is used to study the structure and function of cells and tissues at the molecular level. HMSC-BM is a high-throughput, high-resolution, and high-contrast (HMSC-BM) microscopy technique that combines the advantages of confocal microscopy, multi-photon microscopy, and super-resolution microscopy. It is used to study the structure and function of cells and tissues at the molecular level. HMSC-BM is a high-throughput, high-resolution, and high-contrast (HMSC-BM) microscopy technique that combines the advantages of confocal microscopy, multi-photon microscopy, and super-resolution microscopy. It is used to study the structure and function of cells and tissues at the molecular level.
Organism	Human
Tissue	Human skin
Applications	Cellular structure, tissue morphology, and disease diagnosis.

XXXXXXXXXXXXX

Age	100% 100% 100%
Gender	100% 100% 100%
Ethnicity	100%
Morphology	100% 100% 100%, 100% 100% 100%, 100% 100% 100% 5 100% 100% 2% 100% 100% 100% 100%
Cell type	100% 100%
Growth properties	100%

XIX

Citation	[[1]] [[2]] [[3]] [[4]], [[5]] (HMSC-BM) ([6]] Cytion 300665)
Biosafety level	1
NCBI_TaxID	9606

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Freeze medium α -MEM α -MEM, 80% FBS + 10% α -MEM + 10% DMSO α -MEM α -MEM, CM-1 (α -MEM α -MEM)

Human HLA Class II (H2-DQ2) - HLA-DQ2 (HMSC-BM) | 300665

Thawing and
Culturing Cells

1. Thaw the cells quickly in a water bath at 37°C. Remove the cells from the bath and centrifuge at 300 x g for 5 minutes. Discard the supernatant and resuspend the cells in 1 ml of complete medium.
2. Seed the cells into a 24-well plate at a density of 1 x 10⁵ cells per well. Incubate at 37°C with 5% CO₂ for 24 hours.
3. Remove the medium and replace it with fresh complete medium. Incubate at 37°C with 5% CO₂ for 48 hours.
4. Harvest the cells and analyze by flow cytometry. The expression of HLA-DQ2 should be 70% or higher.
5. The cells should be analyzed by flow cytometry. The expression of HLA-DQ2 should be 15% or higher.
6. The cells should be analyzed by flow cytometry. The expression of HLA-DQ2 should be 30% or higher.
7. The cells should be analyzed by flow cytometry. The expression of HLA-DQ2 should be 10% or higher.
8. The cells should be analyzed by flow cytometry. The expression of HLA-DQ2 should be 70% or higher.

Incubation
Atmosphere

37°C, 5% CO₂, humidified air

Flask Coating

Adhere cells to the flask by coating with 1% BSA in PBS for 1 hour at 37°C.

Freezing
Procedure

Freeze the cells in 1 ml of freezing medium (90% FBS, 10% serum-free medium) in a 1.5 ml microcentrifuge tube. Store at -80°C.

Shipping
Conditions

Ship the cells in a dry ice container. The cells should arrive at the destination within 24 hours.

Storage
Conditions

Store the cells in a liquid nitrogen container. The cells should be stored for up to 12 months.

HLA Class II (H2-DQ2) / HLA-DQ2 (HMSC-BM) / HLA

Sterility

The cells are sterile and free of mycoplasma contamination. PCR analysis of the cells shows no contamination with mycoplasma DNA.