

Product sheet

P3X63Ag8 | 305171

Description	P3K27 (MOPC-21 BALB/c)
Organism	Mouse
Tissue	Plasma, Spleen, Bone marrow
Synonyms	P3x63Ag8, P3-x63-Ag8, P3/x63-Ag8, P3/x63 Ag8, P3/x63/Ag8, P3-x63Ag8, P3x63 Ag8, P3x63 Ag8, P3 x 63Ag8, P3 x 63 Ag8, x63-Ag8, x63-AG8, x63-Ag8, P3x63, x63, GM03571
Breed/Subspecies	BALB/c
Gender	Female
Morphology	Plasmablast
Growth properties	Plasmablast
Citation	3x63Ag8 (Cytion 305171)
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_3411

Protein expression	CD138, CD138, CD138
Antigen expression	H-2d

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Culture Medium	RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 mM/100mL NaHCO ₃ (Cytion 820700a)
Supplements	10% FBS
Dissociation Reagent	Trypsin
Doubling time	16-26 hours
Subculturing	1:5
Split ratio	2-10 ⁵ cells/100µL
Seeding density	3-5 x 10 ⁴ cells/cm ²
Fluid renewal	2-3 times per week
Freeze medium	DMEM (10% FBS) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells quickly in a 37°C water bath.
2. Add 100µL of DMEM (10% FBS) to the cells.
3. Centrifuge at 300 x g for 3 minutes.
4. Resuspend cells in 100µL of DMEM (10% FBS).
5. Seed cells into a 96-well plate at 100,000 cells/well.
6. Incubate cells for 24 hours.
7. Replace the medium with fresh DMEM (10% FBS).
8. Harvest cells for analysis.

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Incubation
Atmosphere

37°C, 5% CO₂, 

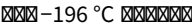
Flask Coating



Shipping
Conditions



Storage
Conditions

  -150  -196 °C 

Sterility

 PCR 