

Product sheet

P3X63Ag8 | 305171

General information

Description	Mouse monoclonal antibody P3K27 (mouse monoclonal antibody MOPC-21 BALB/c). IgG1 kappa-8.
Organism	Mouse
Tissue	Myeloma B, myeloma, myeloma
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

Strain information

Breed/Subspecies	BALB/c
Gender	Female
Morphology	Mouse
Growth properties	Mouse

Identification and classification

Citation	P3x63Ag8 (mouse monoclonal antibody Cytion 305171)
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_3411

Antigen and epitope information

Protein expression	Myeloma B, myeloma, myeloma
Antigen expression	H-2d

HEK293T P3X63Ag8 | 305171

General information

Culture Medium	RPMI 1640, w: 2.0 mM $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 2.0 g/L NaHCO_3 (Cytion 820700a)
Supplements	10% FBS
Dissociation Reagent	Trypsin
Doubling time	16 - 26 h
Subculturing	1:5
Split ratio	2×10^5 cells
Seeding density	3×10^4 cells
Fluid renewal	2 - 3 times
Freeze medium	DMEM + 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells quickly in a water bath at 37°C.
2. Dilute cells in DMEM + 10% FBS.
3. Seed cells into a 24-well plate at 1×10^5 cells per well.
4. Allow cells to attach for 24 hours.
5. Change medium to DMEM + 10% FBS.
6. Seed cells into a 96-well plate at 1×10^4 cells per well.
7. Allow cells to attach for 24 hours.
8. Change medium to DMEM + 10% FBS.

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**Incubation
Atmosphere**

37°C, 5%_{CO2}, **humidified**

Flask Coating

Yes

**Shipping
Conditions**

Shipped at room temperature. The cells are delivered in a dry ice container and must be stored at -78°C.

**Storage
Conditions**

Store at -150 to -196 °C in liquid nitrogen. The cells can be stored for up to 12 months.

Applications

Sterility

The cells are delivered in a sterile, sealed container. The cells are suitable for PCR and other applications. The cells are not suitable for cell culture.