

Product Datasheet

Ki-67 Antibody (orb257046)

Catalog Number	orb257046
Category	Antibodies
Description	Mouse monoclonal antibody to Ki-67
Target	Ki-67
Clonality	Monoclonal
Isotype	Mouse IgG1
Conjugation	Unconjugated
Reactivity	Bovine, Human
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified by protein-A affinity chromatography.
Immunogen	Nuclei of the Hodgkin lymphoma cell line L428
UniProt ID	P46013
Tested applications	FC, ICC, IHC, WB
Application notes	Flow cytometry: Recommended dilution: 1-5 µg/ml. Intracellular staining. Immunocytochemistry: Paraformaldehyde fixation; recommended antibody concentration 1 µg/ml.
Specificity	The mouse monoclonal antibody Ki-67 recognizes Ki-67 antigen, a non-histone nuclear protein expressed exclusively in proliferating cells.

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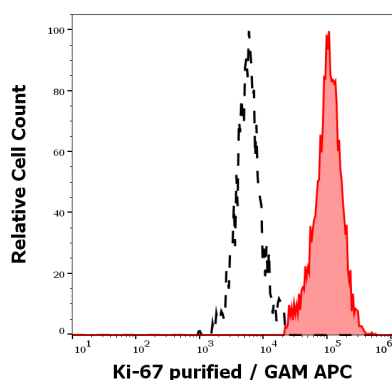
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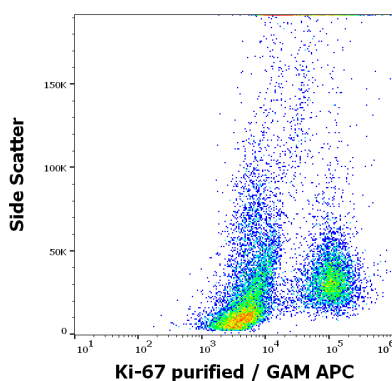
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Antibody Type	Primary Antibody
Clone Number	Ki-67
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	4288
Expiration Date	12 months from date of receipt.



Separation of human Ki-67 positive cells (red-filled) from Ki-67 negative cells (black-dashed) in flow cytometry analysis (intracellular staining) of human PHA stimulated peripheral whole blood stained using anti-human Ki-67 (Ki-67) purified antibody (concentration in sample 0.6 µg/ml) GAM APC.



Flow cytometry intracellular staining pattern of human PHA stimulated peripheral whole blood stained using anti-human Ki-67 (Ki-67) purified antibody (concentration in sample 0.6 µg/ml) GAM APC.

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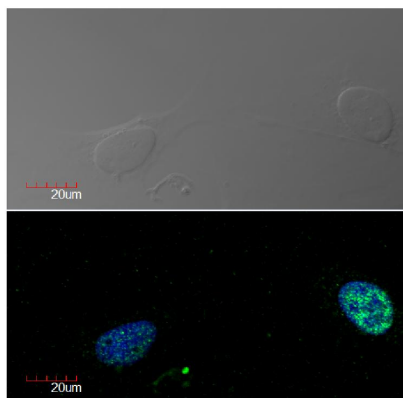
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Immunocytochemistry detection of Ki-67 in U2OS cell line (human osteosarcoma) using monoclonal antibody Ki-67 (green). Cell nuclei stained with DAPI (blue).

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