PAX3 Antibody

Mouse Monoclonal Antibody [Clone PAX3/4700]

Catalog No	Format	Size
5077-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
5077-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
5077-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

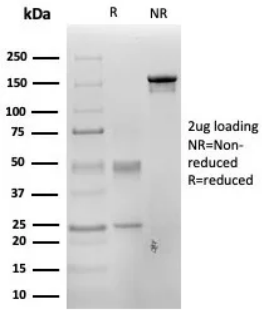
Applications	Tested Dillution	Note

Product Details

Clone	PAX3/4700
Gene Name	PAX3
Immunogen	Synthetic peptide (quail) from the C-terminus
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	56kDa
Cellular Localization	Nucleus.
Species Reactivity	Human, Quail
Positive Control	Human skin and skeletal muscle tissue.

**Optimal dilution for a specific application should be determined.*

Product Images for PAX3 Antibody



SDS-PAGE Analysis of Purified PAX3 Mouse Monoclonal Antibody (PAX3/4700). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

Pax genes contain paired domains that share strong homology to genes in Drosophila which are involved in programming early development. The product of the PAX3 gene is a DNA-binding protein expressed during early neurogenesis. Pax-3 is a protein containing both a paired domain and a paired-type homeodomain. During early neurogenesis, Pax-3 expression is limited to mitotic cells in the ventricular zone of the developing spinal cord and to distinct regions in the hindbrain, midbrain and diencephalon. In 10-12 day embryos, expression of Pax-3 is also seen in neural crest cells of the developing spinal ganglia, the craniofacial mesectoderm and in limb mesenchyme. Mutations in the MITF and Pax-3 genes, encoding transcription factors, are responsible for Waardenburg syndrome II (WSII) and WSI/WSIII, respectively.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cardiovascular, Mesenchymal Stem Cell Differentiation, Nuclear Marker

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.