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Product Datasheet

Mouse anti Human Microphthalmia Transcription Factor (MiTF), IgG1, Unconjugated NMB-X1405M

Article Name	Mouse anti Human Microphthalmia Transcription Factor (MiTF), IgG1, Unconjugated
Biozol Catalog Number	NMB-X1405M
Supplier Catalog Number	X1405M
Alternative Catalog Number	NMB-X1405M
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	Gel Supershift Assays, IHC, IP, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	N-terminal fragment of human microphthalmia protein.
Conjugation	Unconjugated
Product Description	There are two known isoforms of MiTF differing by 66 amino acids at the NH2 terminus. Shorter forms are expressed in melanocytes and run as two bands at 52kDa and 56kDa, while the longer Mi form runs as a cluster of bands at 60-70kDa in osteoclasts a...
Clonality	Monoclonal
Concentration	See vial for concentration
Clone Designation	C5

Isotype	IgG1
UniProt	O75030
Buffer	Purified monoclonal antibody clone C5 in phosphate buffered saline with 0.08% sodium azide
Source	Hybridoma produced by the fusion of splenocytes from RBF/DnJ mice immunized with an N-terminal fragment of human microphthalmia protein and mouse myeloma NS1 cells.
Purity	Protein A/G Chromatography
Form	Unconjugated
Application Notes	This antibody can be used for gel supershift assays, immunoprecipitation (2 µg/mg of protein lysate), Western blotting (1 µg/ml) and immunohistochemistry on frozen and formalin/paraffin tissue sections. Optimal concentration should be evaluated by serial dilutions. In Western blotting, X1405M recognizes a doublet of 52-56kDa, identified as serine-phosphorylated and unphosphorylated forms of melanocytic isoforms of microphthalmia (Mi) transcription factor.