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Product Datasheet

Mouse anti Human Microphthalmia Transcription Factor (MiTF), Clone: [C5/D5 Cocktail], Unconjugated, Monoclonal
NMB-X2398M

Article Name	Mouse anti Human Microphthalmia Transcription Factor (MiTF), Clone: [C5/D5 Cocktail], Unconjugated, Monoclonal
Biozol Catalog Number	NMB-X2398M
Supplier Catalog Number	X2398M
Alternative Catalog Number	NMB-X2398M
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	Gel Supershift Assays, IHC, IP, WB
Species Reactivity	Human, Mouse, Rat
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/D5 Cocktail]
Isotype	IgG1, IgG1

UniProt	O75030
Buffer	In Western blotting, it recognizes a doublet of 52-56kDa, identified as serine-phosphorylated and unphosphorylated forms of melanocytic isoforms of microphthalmia (Mi) transcription factor
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
Formula	Provided as solution in phosphate buffered saline with 0.08% sodium azide
Application Notes	This antibody cocktail of clone C5 and D5 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, it recognizes a doublet of 52-56kDa, identified as serine-phosphorylated and unphosphorylated forms of melanocytic isoforms of microphthalmia (Mi) transcription factor