

Product datasheet for **BM5526**

WDHD1 Mouse Monoclonal Antibody [Clone ID: 23-5-14]

Product data:

Product Type:	Primary Antibodies
Clone Name:	23-5-14
Applications:	IF, IHC, IP, WB
Recommended Dilution:	Immunofluorescence Microscopy. Immunoblotting: 1/3000 (ECL method). Immunoprecipitation. Immunohistochemistry on Frozen Sections: 1/300-1/500 (Fixation with Paraformaldehyde is recommended). <i>Incubation Time:</i> 1 h at RT.
Reactivity:	Xenopus
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Nuclear fraction prepared from Xenopus laevis oocytes.
Specificity:	The antibody recognizes a 125 kDa Nucleoplasmic Protein AND1. Immunolocalization studies showed a dispersed, finely granular distribution pattern throughout the nucleoplasm.
Formulation:	State: Supernatant State: Liquid Culture Supernatant Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Database Link:	O13046



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Background:

AND-1 (WDHD1) is a nuclear and nucleolar protein that contains multiple WD40 repeats, and one HMG region. AND-1 (WDHD1) has a predicted molecular weight of 126 kD and can form homodimers. WDHD1 is expressed in the brain, epidermis, liver, and stomach. During mitosis, AND-1 (WDHD1) is transiently expressed in nucleoplasm. AND-1 (WDHD1) can bind to DNA with high affinity and may be involved in protein-protein interactions. The role of AND-1 (WDHD1) is thought to be in chromatin assembly, transcription and DNA replication. AND-1 (WDHD1) has been reported to be phosphorylated on S1041.

Synonyms:

AND1, AND-1