

Product datasheet for **BM5101**

Symplekin (SYMPK) Mouse Monoclonal Antibody [Clone ID: Sym-TJ-E150]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Sym-TJ-E150
Applications:	IHC, WB
Recommended Dilution:	Immunoblotting. Immunohistochemistry: For nucleoplasmic staining a modified Carnoy fixation procedure is suggested (60% ethanol, 30% chloroform, 10% acetic acid) for 20 min, followed by a 10 min ethanol wash.
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human symplekin
Specificity:	The mab reacts specifically with symplekin (a 150 kDa polypeptide) present in 1) tight junctions (zonula occludens) of polar epithelia and Sertoli cells of testis (but not their vascular endothelia!) and 2) exclusively in the nucleoplasm of these and many other cell types which do not form tight junctions (e.g. stratified epithelia such as oesophagus, tongue mucosa, epidermis; squamous cell carcinoma; nonepithelia such as fibroblasts, endothelia, lymphocytes).
Formulation:	State: Supernatant State: Liquid culture supernatant
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	symplekin
Database Link:	Entrez Gene 8189 Human Q92797



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Background: Symplekin, 126.5 kD polypeptide (calculated from aa sequence data); apparent Mr 150 kD (after SDS-PAGE); pI 6.5

Synonyms: SPK