



Anti-STAG2 monoclonal antibody, clone 4D7 (DCABH-522)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to SA2
Antigen Description	Component of cohesin complex, a complex required for the cohesion of sister chromatids after DNA replication. The cohesin complex apparently forms a large proteinaceous ring within which sister chromatids can be trapped. At anaphase, the complex is cleaved and dissociates from chromatin, allowing sister chromatids to segregate. The cohesin complex may also play a role in spindle pole assembly during mitosis.
Immunogen	Recombinant Human SA2 Protein (Q8N3U4).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse, Human
Clone	4D7
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC/IF
Positive Control	Human Breast tissue, Hela nuclear and NIH/3T3 cells extracts and HeLa cells.
Format	Liquid
Size	50 µg
Buffer	pH: 7.20; Constituent: 99% PBS
Preservative	None

Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.
----------------	--

GENE INFORMATION

Gene Name	STAG2 stromal antigen 2 [Homo sapiens]
Official Symbol	STAG2
Synonyms	STAG2; stromal antigen 2; cohesin subunit SA-2; SA 2; SCC3B; SCC3 homolog 2; SA2; SA-2; bA517O1.1; FLJ25871; DKFZp686P168; DKFZp781H1753;
Entrez Gene ID	10735
Protein Refseq	NP_001036214
UniProt ID	Q6MZP3
Chromosome Location	Xq25
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; Chromosome Maintenance, organism-specific biosystem; DNA Replication, organism-specific biosystem; M Phase, organism-specific biosystem;
Function	protein binding;