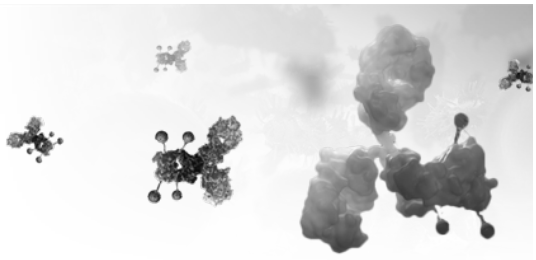

Mouse Anti-double-stranded RNA monoclonal antibody, clone J2 (CPBT-LL016)

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

PRODUCT INFORMATION

Specificity	Mouse monoclonal antibody J2 recognises double-stranded RNA (dsRNA) provided that the length of the helix is greater than or equal to 40 bp. dsRNA-recognition is independent of the sequence and nucleotide composition of the antigen. All naturally occurring dsRNAs investigated up to now (40-50 species) as well as poly(I).poly(C) and poly(A).poly(U) have been recognised by J2, although in some assays its affinity to poly(I).poly(C) is about 10 times lower than that to other dsRNA antigens.
Target	dsRNA
Immunogen	Mixture of 50 ug L-dsRNA and 75 ug methylated bovine serum albumin.
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	N/A
Clone	J2
Purification	Affinity chromatography on Protein A-agarose.Gel electrophoretically pure IgG antibody.
Conjugate	Unconjugated
Applications	Dot, ELISA, ICC, IHC The optimum working dilution of each antibody for any specific application should be established by titration.
Reconstitution	The lyophilised samples should each be reconstituted with 100 µl sterile distilled water.
Format	Lyophilised

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Concentration	Concentration after reconstitution: 1.00 mg/ml as determined by A280 nm (A280 nm = 1.47 corresponds to 1 mg/ml antibody).
Size	100 µg
Buffer	After reconstituted with 100 µl sterile distilled water, the mAb will then be in PBS without any stabilisers or preservatives at a concentration of 1 mg/ml.
Preservative	None
Storage	After reconstitution antibodies should be aliquoted and stored at -20 °C or -70°C. After adding 10 mM sodium azide undiluted antibody can also be stored at +4 °C for a short period of time. For long term storage the mAb should be kept frozen. Repeated freezing/thawing cycles should be avoided. When kept lyophilized the product will remain stable for at least 5 years at -20 °C or -70°C.
Ship	Wet ice

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