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Product datasheet for AM20261TC-N

Human IgA (Secretory component) Mouse Monoclonal Antibody [Clone ID: NI 194-4 (A89-039)]

Product data:

Product Type:	Secondary Antibodies
Product Name:	Human IgA (Secretory component) Mouse Monoclonal Antibody [Clone ID: NI 194-4 (A89-039)]
Clone Name:	NI 194-4 (A89-039)
Applications:	ELISA, IF, IHC, IP, WB
Recommended Dilution:	To identify the presence of secretory component, free or bound, in human milk, other body fluids, cell and tissue substrates and to determine its concentration in immunofluorescence staining techniques. *General Recommended Dilutions*: Histochemical Use: 1/10-1/100
Reactivity:	Human
Host:	Mouse
Immunogen:	Highly purified Secretory component isolated from Human milk.
Isotype:	IgG1
Formulation:	PBS, pH 7.2 without preservatives. No foreign protein added. Label: TRITC State: Lyophilized purified IgG fraction. Label: Tetramethylrhodamine Isothiocyanate Absorption emission: 554 nm / 573 nm Molar radio: Fluorochrome/IgG: ~ 1.8
Reconstitution Method:	Restore by adding 0.5 ml sterile distilled water. Dilutions may be prepared by adding PBS, pH 7.2
Concentration:	0.4 mg/ml
Conjugation:	TRITC
Storage:	Store the antibody lyophilized at 2-8°C for one month or (in aliquots) at -20°C for longer. Diluted ascites should be stored at 2-8°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. Avoid repeated thawing and freezing.

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Note:

Fluorescent Marker: Tetramethylrhodamine isothiocyanate isomer R with an Orange-Red fluorescence. To avoid nonspecific background staining, specially synthesized and exceptionally pure crystalline isomer R has been used instead of the usual racemic mixture. Although its fluorescence efficiency is less than of FITC, TRITC conjugates have the advantage of significantly less photo bleaching.

Conjugation procedure: Conjugation is carried out using a proprietary technique for the binding of TRITC, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. No foreign protein has been added. The conjugate is lyophilized to assure stability and long shelf life.