

Product datasheet for **AM20647PU-N**

Ncam1 Mouse Monoclonal Antibody [Clone ID: IML-43]

Product data:

Product Type:	Primary Antibodies
Clone Name:	IML-43
Applications:	IF, WB
Recommended Dilution:	Western Blot: Use at 4 µg/ml with the appropriate system to detect NCAM in cells and tissues. Immunocytochemistry.
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Growth cone enriched plasma membrane fraction from E17 Rat forebrain
Specificity:	This antibody recognizes NCAM/CD56. No cross reactivity with other proteins.
Formulation:	1.2 % Sodium Acetate State: Purified State: Lyophilized purified Ig fraction Stabilizer: 2 mg BSA Preservative: 0.01 mg Sodium Azide
Reconstitution Method:	Restore with 1.2% Sodium Acetate or neutral PBS
Concentration:	0.1 mg/ml (after reconstitution with PBS)
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	neural cell adhesion molecule 1



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Database Link: [Entrez Gene 4684 Human](#)[Entrez Gene 24586 Rat](#)
[P13596](#)

Background: The neural cell adhesion molecule appears on early embryonic cells and is important in the formation of cell collectives and their boundaries at sites of morphogenesis. Later in development it is found on various differentiated tissues and is a major CAM mediating adhesion among neurons and between neurons and muscle. NCAM shares many features with immunoglobulins and is considered a member of the immunoglobulin superfamily. NCAM gene is mapped to 11q23.1.

Synonyms: NCAM-1, N-CAM-1, NCAM