

## Product datasheet for **AM33408PU-N**

### Itgax Hamster Monoclonal Antibody [Clone ID: MAB0806]

#### Product data:

|                        |   |
|------------------------|---|
| Product Type:          | Primary Antibodies  |
| Clone Name:            | MAB0806   |
| Applications:          | FC, IHC, IP   |
| Recommended Dilution:  | <b>Flow Cytometry:</b> 1/100-1/1000.<br><b>Immunoprecipitation.</b><br><b>Immunohistochemistry on Paraffin Sections:</b> 1/25-1/100.  |
| Reactivity:            | Mouse   |
| Host:                  | Hamster   |
| Isotype:               | IgG   |
| Clonality:             | Monoclonal  |
| Immunogen:             | Mouse lymphocytes.  |
| Specificity:           | This antibody detects Mouse CD11c.<br>Other species not tested.   |
| Formulation:           | PBS (Sterile)<br>State: Purified<br>State: Lyophilized purified, 0.2 µm filtered IgG fraction from Culture Supernatant<br>Stabilizer: None  |
| Reconstitution Method: | Restore with 0.4 ml sterile Water and the final concentration is 0.5 mg/ml.   |
| Purification:          | Affinity Chromatography on Protein G  |
| Conjugation:           | Unconjugated  |
| Storage:               | Store lyophilized at 2-8°C for 6 months or at -20°C long term.<br>After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.<br>Avoid repeated freezing and thawing. |
| Stability:             | Shelf life: one year from despatch.   |
| Gene Name:             | integrin alpha X  |
| Database Link:         | <a href="#">Entrez Gene 16411 Mouse Q9QXH4</a>  |



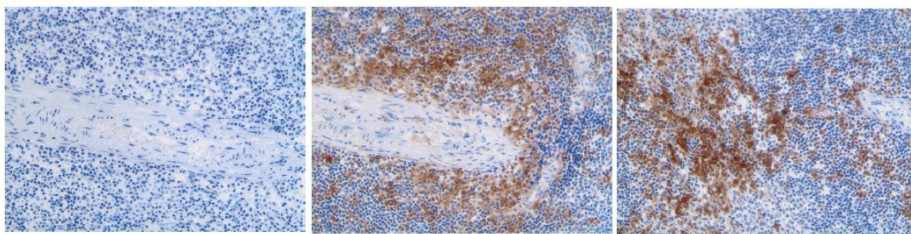
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**Background:**

Integrins are transmembrane proteins that mediate interactions between adhesion molecules on adjacent cells and/or the extracellular matrix (ECM). Integrins have diverse roles in several biological processes including cell migration during development and wound healing, cell differentiation, and apoptosis. Their activities can also regulate the metastatic and invasive potential of tumor cells. They exist as heterodimers consisting of alpha and beta subunits. Some alpha and beta subunits exhibit specificity for one another and may be designated as a VLA (very late antigen) member. Heterodimers often preferentially bind certain cell adhesion molecules, or constituents of the ECM. Although they have no catalytic activity, integrins can be part of multimolecular signaling complexes known as focal adhesions.

**Synonyms:**

ITGAX, Integrin alpha-X, Leu M5

**Product images:**

Negativ Control

4% PFA Fixed and Paraffin Embedded Mouse spleen tissue section was subjected to Immunohistochemical staining of Mouse CD11c using