

## Product datasheet for **UM870133**

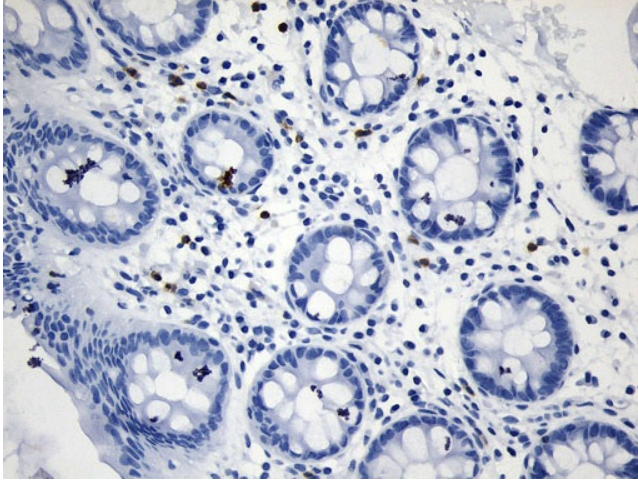
### CD8A Mouse Monoclonal Antibody [Clone ID: UMAB241]

#### Product data:

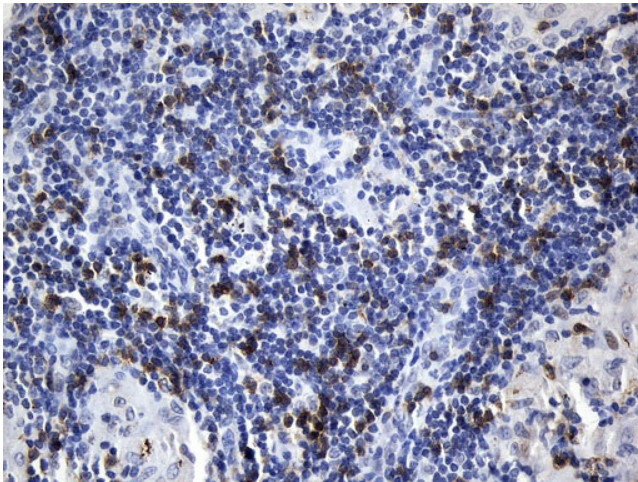
|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | UMAB241  |
| Applications:           | IHC  |
| Recommended Dilution:   | IHC 1:200  |
| Reactivity:             | Human  |
| Host:                   | Mouse  |
| Isotype:                | IgG1   |
| Clonality:              | Monoclonal   |
| Immunogen:              | Human recombinant protein fragment corresponding to amino acids 22-182 of human CD8A (NP_001759) produced in E.coli.   |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.   |
| Concentration:          | 0.5~1.0 mg/ml (Lot Dependent)  |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C as received.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | 25.67 kDa  |
| Gene Name:              | CD8a molecule  |
| Database Link:          | <a href="#">NP_001759</a><br><a href="#">Entrez Gene 925 Human</a><br><a href="#">P01732</a>   |
| Synonyms:               | CD8; Leu2; MAL; p32  |
| Protein Families:       | Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane   |
| Protein Pathways:       | Antigen processing and presentation, Cell adhesion molecules (CAMs), Hematopoietic cell lineage, Primary immunodeficiency, T cell receptor signaling pathway |



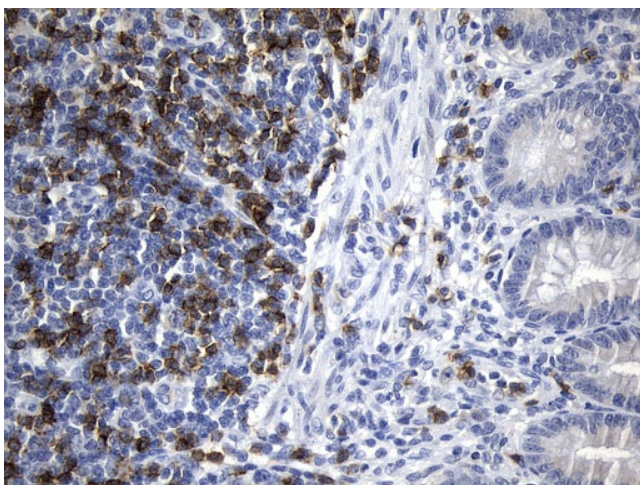
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**Product images:**

Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-CD8A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800133]) (1:200)



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-CD8A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800133]) (1:200)



Immunohistochemical staining of paraffin-embedded Human appendix tissue within the normal limits using anti-CD8A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800133]) (1:200).