



# SG3A2 Monoclonal Antibody

|                    |  |
|--------------------|--|
| Catalog No         | BYmab-07084  |
| Isotype            | IgG  |
| Reactivity         | Human;Mouse  |
| Applications       | WB   |
| Gene Name          | SCGB3A2 PNSP1 UGRP1 UNQ566/PRO1128   |
| Protein Name       | Secretoglobin family 3A member 2 (Pneumo secretory protein 1) (PnSP-1) (Uteroglobin-related protein 1)   |
| Immunogen          | Synthesized peptide derived from human protein . at AA range: 20-100   |
| Specificity        | SG3A2 Monoclonal Antibody detects endogenous levels of protein.  |
| Formulation        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.   |
| Source             | Monoclonal, Mouse,IgG  |
| Purification       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.   |
| Dilution           | WB 1:500-2000  |
| Concentration      | 1 mg/ml  |
| Purity             | ≥90%   |
| Storage Stability  | -20°C/1 year   |
| Synonyms           |  |
| Observed Band      | 10kD   |
| Cell Pathway       | Secreted .   |
| Tissue Specificity | Highly expressed in lung and trachea (PubMed:12406855, PubMed:12175512, PubMed:12847263). Detected throughout the airway epithelium in lung, with slightly higher expression in large airways (PubMed:12406855). Found in lung submucosal gland acinus where it localizes to serous-like cells (PubMed:12406855). Probably expressed in club/Clara cells of the bronchioles (PubMed:12847263). Not detected in other tissues tested (PubMed:12847263). |
| Function           | similarity:Belongs to the secretoglobin family. UGRP subfamily.,subunit:Homodimer.,tissue specificity:Highly expressed in lung.,   |
| Background         | The protein encoded by this gene is a secreted lung surfactant protein and a downstream target of thyroid transcription factor. A single nucleotide polymorphism in the promoter of this gene results in susceptibility to asthma.[provided by RefSeq, Mar 2010],  |

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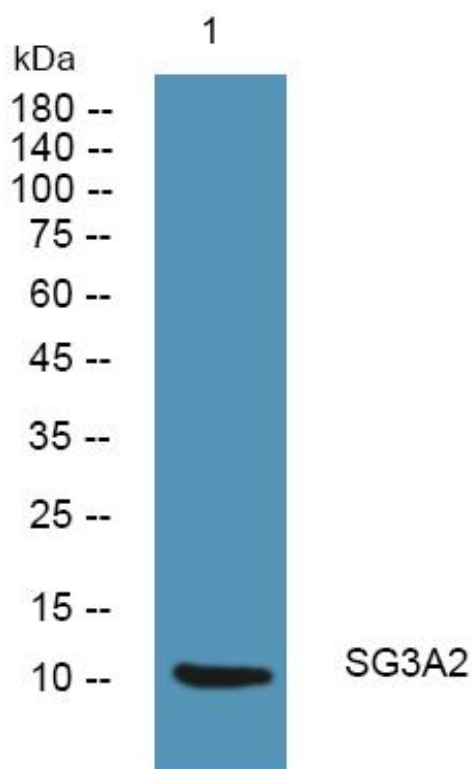
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using SG3A2 Monoclonal Antibody