



Mouse Anti-Porcine Bronchial Basement Cells Monoclonal Antibody, clone QMC53 (CABT-Z325M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	The antibody is a particularly interesting marker of bronchial basement cells of the lung epithelium. The prominent staining of basal cells clearly divides the pseudostratified columnar epithelial cell layer from the underlying basement membrane and lamina propria. A subpopulation of basal cells probably carries stem cell characteristics and is involved in cell replacement.
Immunogen	Porcine lung extract.
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Porcine, Human
Clone	QMC53
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	IHC Recommended dilution: IHC-F: 1 µg/ml (1:500) IHC-P: 2.5 µg/ml (1:200), Proteinase K pretreatment for antigen retrieval is recommended.
Reconstitution	Reconstitute by adding 0.5ml distilled water.
Format	Lyophilized

Size	0.25 mg
Buffer	Phosphate buffered saline, pH 7.2, 5mg/ml bovine serum albumin (BSA) as a stabilizer and 0.05% (v/v) Kathon CG as a preservative.
Preservative	None
Storage	Original vial: 1 year at 4-8°C. Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
Ship	Wet ice

BACKGROUND

Introduction	Bronchial Basement Cell is a kind of airway basal cells, it is found deep in the respiratory epithelium, attached to, and lining the basement membrane.
Keywords	Bronchial Basement Cells;Airway basal cell