

Cytokeratin 6 (AB1249) mouse mAb

V0318

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 60 kDa (calculated)
- 60 kDa (observed)

Isotype

- IgG2a, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1249
Immunogen	A synthetic peptide corresponding to the amino acid region 2 - 100 of the human Cytokeratin 6 protein.
Specificity	The antibody can specifically recognize human CK6 protein, and shows no cross reaction with CK5.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	KRT6A		
Protein Name	Cytokeratin 6		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P02538; P04259; P48668;	

Background	CK6 is a cytokeratin with a molecular weight of 56 kDa. It is a member of type II cytokeratin family. It is mainly expressed in stratified epithelium, such as oral mucosa and esophagus. Clinically, it is usually used in combination with CK5 to diagnose poorly differentiated squamous cell carcinoma.
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