

Cytokeratin 4 (AB1527) mouse mAb

V0053

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 57 kDa (calculated)
- 54 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 AB1527

Immunogen A synthetic peptide corresponding to the amino acid region 400 - 534 of the human Cytokeratin 4 protein.

Specificity The antibody can specifically recognize human CK4 protein, and shows no cross reaction with CK5, 6, 7, 8, 14, 15, 17, 20.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name KRT4

Protein Name Cytokeratin 4

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P19013	3851

Background CK4 is a cytokeratin with a molecular weight of 59 kDa. It is a member of type II cytokeratin family. CK4 is widely expressed in non keratinocytes and stratified squamous epithelium. It is mainly used to label esophageal and oral squamous epithelial cells and tumors of their origin.