

Cytokeratin 4 (AB1527) mouse mAb

W0314

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 57 kDa (calculated)
- 54 kDa (observed)

Isotype

- IgG2a, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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.		