

Androgen Receptor (AB1266) mouse mAb

W0264

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 98 kDa (calculated)
- 98 kDa (observed)

Isotype

- IgG2b, 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 AB1266

Immunogen A synthetic peptide corresponding to the amino acid region 27 - 150 of the human Androgen Receptor protein.

Specificity The antibody can specifically recognize human AR protein.

Purification Affinity purification Protein A

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

Target Information

Gene name AR

Protein Name Androgen Receptor

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P10275	367

Background

Androgen receptor (AR) is a member of the ligand response transcription regulator superfamily, which is expressed in prostate, testis and sweat gland. Upon AR binding the receptor, it stimulates androgen responsive genes transcription. AR plays an important role in the occurrence and development of prostate cancer. The higher the degree of differentiation of prostate cancer tissue, the higher the expression of AR, and the hormone treatment effect of positive prostate cancer patients is better. AR is mainly used for the detection of prostate cancer, guiding clinical treatment, and can also be used for other cancers such as esophageal cancer and breast cancer.