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Name:PSMA6 mouse monoclonal antibody,clone UMAB102

Product Data Sheet - UltraMAB

Catalog: UM800032

Gene Name:Homo sapiens proteasome (prosome, macropain) subunit, alpha type, 6 (PSMA6)
GeneBank accession: NM_002791
Isotype: IgG1

Reactivity: Human
Test application: WB
Clone Name: Clone UMAB102

Gene Synonym: IOTA; p27K; PROS27

Guaranteed Applications: IHC, 10K-CHIP

Suggested Dilutions: IHC 1:100,

Immunogen: Full length human recombinant protein of human PSMA6 (NP_002782) produced in E.coli.

Components:
- PSMA6 mouse monoclonal antibody,clone UMAB102 (UM800032)

Amount:
UM800032 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use.
Stable for 12 months from date of receipt.
Avoid repeated freeze-thaws.

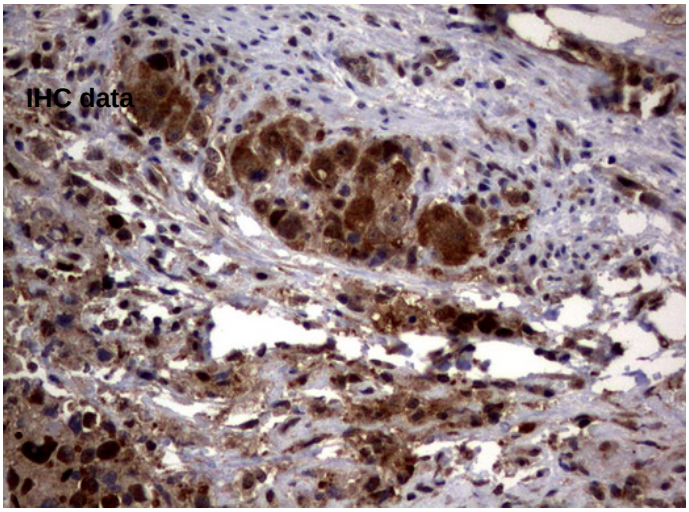
Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:
Purified from mouse ascites fluids by affinity chromatography

Background:
The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. A pseudogene has been identified on the Y chromosome. [provided by RefSeq, Jul 2008].

Validation Data:

Western Blot



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-PSMA6 mouse monoclonal antibody. (UM800032)

Related Product:
TrueORF cDNA clones
VERIFY Tagged Antigen lysates
HuSH-29 shRNA
Western Blot reagents
Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich
* More validation images may be available on our website: http://www.origene.com/antibody/UM800032.aspx