Product datasheet for AM26654AF-N

UVRAG (389-699) Mouse Monoclonal Antibody [Clone ID: 1H4]

Product data:

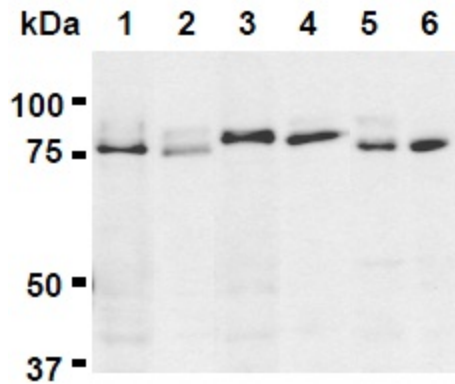|	
Product Type:	Primary Antibodies
Clone Name:	1H4
Applications:	IP, WB
Recommended Dilution:	**Western blot:** 1 µg/ml for chemiluminescence detection system. Positive Control: HeLa, Jurkat (Human), NIH/3T3, WR19L (Mouse), Rat1 (Rat), and CHO (Hamster). **Immunoprecipitation:** 5 µg/300 µl of cell extract from 1×10^7 cells.
Reactivity:	Hamster, Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant protein corresponding to amino acid residues 389 to 699 of Human UVRAG
Specificity:	This antibody reacts with UVRAG.
Formulation:	PBS containing 50% glycerol, pH 7.2. No preservative is contained. State: Azide Free State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A Agarose
Conjugation:	Unconjugated
Storage:	Upon receipt, store (in aliqouts) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	UV radiation resistance associated
Database Link:	Entrez Gene 7405 Human Q9P2Y5

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Background: Autophagy is a process of intracellular bulk degradation in which cytoplasmic components including organelles are sequestered within double-membrane vesicles that deliver the contents to the lysosome/vacuole for degradation. UVRAG (UV irradiation resistance-associated gene) has been identified as an essential component of the Beclin 1-PI3KC3 complex that suppresses tumorigenicity of human colon and promotes Beclin 1 dependent autophagy.
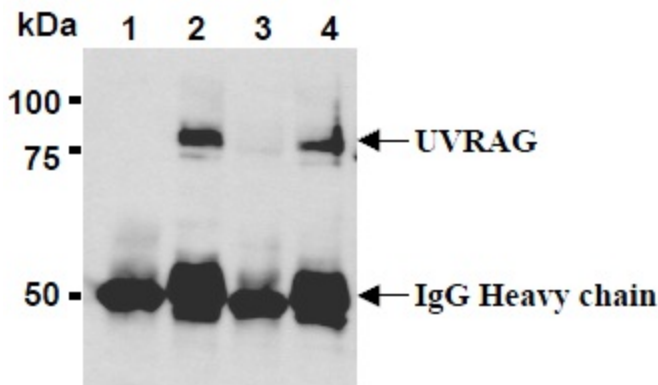
Synonyms: p63

Note: This product was originally produced by MBL International.

Product images:

Western blot analysis of UVRAG expression in HeLa (1), Jurkat (2), NIH/3T3 (3), WR19L (4), Rat1 (5) and CHO (6) using AM26654AF-N.

Immunoprecipitation of UVRAG from HeLa (1, 2) and NIH/3T3 (3, 4) with mouse IgG1 (1, 3) or AM26654AF-N (2, 4). After immunoprecipitated with the antibody, immunocomplex was resolved on SDS-PAGE and immunoblottedwith AM26654AF-N.