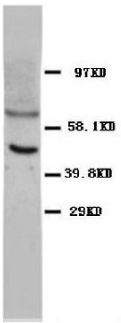
Mouse monoclonal antibody to human p53 [IMD-53]: IgG

Catalogue No.:	M-1208-100
Description:	p53 is a DNA-binding protein containing transcription activation, DNA-binding and oligomerization domains. p53 is ubiquitously expressed and responds to a variety of cellular stresses to regulate target genes that induce cell cycle arrest, apoptosis, senescence, DNA repair or changes in metabolism. Multiple p53 variants are produced from alternative promoters and alternative splicing.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Recombinant human wild-type p53 protein
Clone:	IMD-53
Other Names:	Cellular tumor antigen p53; Tumor suppressor p53; Phosphoprotein p53; NY-CO-13; TP53; P53;
Accession:	P04637 P53_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5-1.0 ug/mL is recommended for WB. Human p53 (isoform 1) has a predicted length of 393 residues and MW of 44 kDa. A concentration of 0.5-2.0 ug/mL is recommended to detect p53 in formalin fixed and paraffin embedded tissues as well as formalin/acetone fixed frozen tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase



Western Blot using mouse monoclonal antibody to human p53 at a concentration of 1µg/ml in HL-60 cell lysate.

51 West Thebarton Road • Thebarton • South Australia 5031
Telephone + 61(0)8 8352 7711 • Email sales@biosensis.com • www.biosensis.com