

小鼠抗 DDB1 单克隆抗体

- 中文名称： 小鼠抗 DDB1 单克隆抗体
- 英文名称： Anti-DDB1 mouse monoclonal antibody
- 别名： damage specific DNA binding protein 1; XPE; DDBA; XAP1; XPCE; XPE-BF; UV-DDB1
- 相关类别： 一抗
- 储存： 冷冻（-20℃）
- 宿主： Mouse
- 抗原： DDB1
- 反应种属： Human, Mouse, Rat, Monkey
- 标记物： Unconjugate
- 克隆类型： Mouse Monoclonal

技术规格

Background:

The protein encoded by this gene is the large subunit (p127) of the heterodimeric DNA damage-binding (DDB) complex while another protein (p48) forms the small subunit. This protein complex functions in nucleotide-excision repair and binds to DNA following UV damage. Defective activity of this complex causes the repair defect in patients with xeroderma pigmentosum complementation group E (XPE) - an autosomal recessive disorder characterized by photosensitivity and early onset of carcinomas. However, it remains for mutation analysis to demonstrate whether the defect in XPE patients is in this gene or the gene encoding the small subunit. In addition, Best vitelliform macular dystrophy is mapped to the same region as this gene on 11q, but no sequence alternations of this gene are demonstrated in Best

	disease patients. The protein encoded by this gene also functions as an adaptor molecule for the cullin 4 (CUL4) ubiquitin E3 ligase complex by facilitating the binding of substrates to this complex and the ubiquitination of proteins.
Applications:	WB
Name of antibody:	DDB1
Immunogen:	Fusion protein of human DDB1
Full name:	damage specific DNA binding protein 1
Synonyms:	XPE; DDBA; XAP1; XPCE; XPE-BF; UV-DDB1
SwissProt:	Q16531
WB Predicted band size:	127 kDa
WB Positive control:	MCF7, C6, 3T3, COS7 and HeLa cell lysates
WB Recommended dilution:	1000-5000

