

## Product datasheet for **DDX0450P-100**

### Dystonin (DST) Human Monoclonal Antibody [Clone ID: H5E.Hy.4B]

#### Product data:

Product Type: Primary Antibodies  
Clone Name: H5E.Hy.4B  
Applications: IF, IHC, WB  
Recommend Dilution: **WB, IF, IHC frozen section.**

#### Usage recommendation:

\*This monoclonal antibody may be used between 5-20 µg/ml.  
\*Optimal dilution should be determined by each laboratory for each application.  
\*Coupled antibody: to maintain RT before using.

Reactivity: Human  
Host: Human  
Isotype: IgG1  
Clonality: Monoclonal  
Immunogen: EBV cell clones derived from PBMC of patients with the typical clinical, histologic, immunopathologic criteria of Bullous Pemphigoid  
Formulation: **Purified:** 100 µg in 200µl / 50 µg in 100 µl Tris-NaCl pH 8.  
**Coupled:** 100 µg in 200 µl / 50 µg in 100 µl PBS 50% glycerol.  
State: Purified  
Concentration: 0.5 mg/ml  
Purification: QMA Hyper D ion exchange chromatography  
Gene Name: dystonin  
Database Link: [Entrez Gene 667 Human](#)  
Background: Bullous pemphigoid is an acquired blistering skin disease associated with production of IgG autoantibodies to the BP antigen. Antibodies-producing cells were established by EBV infection of CD40-activated PBMCs. These antibodies recognize different epitopes of BPAG1. (Peyron E. et al., J Immunol, 1994, 153, 1333)  
Synonyms: Hemidesmosomal plaque protein, Dystonia musculorum protein, BPA, Bullous pemphigoid antigen, DST, BPAG1, DMH, DT, KIAA0728



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