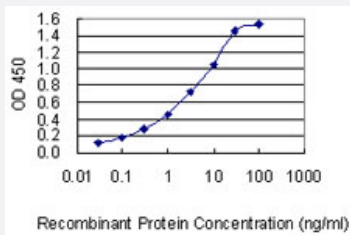


# DSG4 monoclonal antibody (M06), clone 6E7

Catalog # H00147409-M06

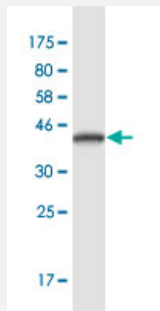
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DSG4 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DSG4.
Immunogen	DSG4 (NP_817123, 531 a.a. ~ 630 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EPPGIADMWDVRSTNATSAILTAKQVLSPGFYEIPILVKDSYNRACELAQMVQLYACDCDDNHMC LDSGAAGYTEDITGDTYGPVTEDQAGVSNVGLGP
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (36.74 KDa) .

**Storage Buffer**

In 1x PBS, pH 7.4

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DSG4 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — DSG4

**Entrez GeneID**

[147409](#)

**GeneBank Accession#**

[NM\\_177986](#)

**Protein Accession#**

[NP\\_817123](#)

**Gene Name**

DSG4

**Gene Alias**

CDGF13, CDHF13, LAH

**Gene Description**

desmoglein 4

**Omim ID**

[607892](#) [607903](#)

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

This gene encodes a member of the desmoglein subgroup of desmosomal cadherins. The encoded protein is a transmembrane component in desmosomes and may play a role in cell-cell adhesion in epithelial cells. Mutations in the gene are associated with localized autosomal recessive hypotrichosis and potentially in other skin disorders. Alternate splicing results in multiple transcript variants. [provided by RefSeq]

**Other Designations**

CDH family member 13|OTTHUMP00000162820