

## Mouse Monoclonal Antibody to

# Diversin 1 (FL3)

## clone 6G8

**Order No.:** 0152-100/Div1-6G8

**Size (µg)** 100

**Lot No.:** 0152S



02/140307F

Isotype	Species Reactivity	Applications	Mol. Weight	Ref.Cell Line	Epitope	Immunogen
IgG1	human, mouse, rat, dog	WB, ELISA	75 kDa	SKOV-3	aa 100 - 123	peptide conjugated to hemocyanin

### Background and Specificity:

Diversin 1 is a 75 kDa protein that acts in both canonical Wnt and Wnt/JNK signaling. Diversin recruits casein kinase 1 epsilon (CK1ε) to the beta-catenin degradation complex of axin/conductin and GSK3beta, thus leading to N-terminal phosphorylation and subsequent degradation of beta-catenin.

**Mab Div-6G8** specifically recognizes Diversin at 75 kDa in Western blot analysis and is also suitable for ELISA applications.

### Related Products

**mab to b-catenin (Exon3)**

#0004-100/b-CAT-9G2

**mab to b-catenin (Core)**

#0005-100/b-CAT-9G10

**mab to b-catenin (C-Term/Exon14)**

#0002-100/b-CAT-7D8

**mab to b-catenin (C-Term)**

#0006-100/b-CAT-10H8

**mab to b-catenin (N-Term/exon2)**

#0003-100/b-CAT-7D11

**mab to dephospho-b-catenin (aa35-50),**

#0051-100/b-CAT-7A7

**mab to dephospho-b-catenin (aa27-37),**

#0052-100/b-CAT-8E4

**mab to phospho-b-catenin (pY86)**

#0123-100/b-CAT-24E1

**mab to phospho-b-catenin (pY654)**

#0159-100/b-CAT-1B11

For monoclonal antibodies against alpha-catenin, LEF, TFF3, and E-, M- and N-cadherin, please refer to our website at [www.nanotools.de](http://www.nanotools.de)

**Purification:** The antibody was purified from serum-free cell culture supernatant by subsequent thiophilic adsorption and size exclusion chromatography.

**Formulation:** liquid; 0.1 mg/ml in PBS/0.09% Na-Azide/PEG and Sucrose/50% Glycerol

**Reconstitution:**

**Stability:** Aliquote and store at -20°C up to 1 year.

**Avoid repeated freeze/thaw cycles.**

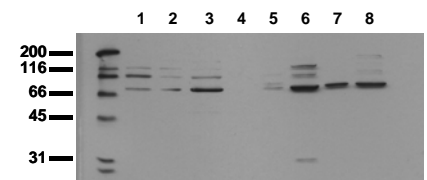
**Positive Control:** #0991: Cell lysate from untreated SKOV-3 cells.

**Immunoblotting:** 0.5 µg/ml for HRPO/ECL detection  
**Recommended blocking buffer:** Casein/Tween 20 based blocking and blot incubation buffer, e.g. nanoTools product #3031-500/CPPT or #3031-3000/CPPT.

**Immunoprecipitation:** ND

**Immunocytochemistry:** ND

**ELISA:** 0.1 mg/ml (protein ELISA); capture ELISA: ND



**Detection of endogenous Diversin**

Whole cell lysates of serum starved tumor cells (20.000 cells per lane) were applied to SDS-PAGE and transferred to a PVDF membrane. The immunoblot was probed with mab Div1-6G8 (0.5 µg/ml) for 1h at RT and developed by ECL (exp. time: 30 sec).

lane 1: A431; lane 2: A549; lane 3: SKOV3; lane 4: OVCAR5; lane 5: HaCaT; lane 6: PC3; lane 7: HeLa; lane 8: HepG2

**All products are supplied for research and investigational use only. Not for use in humans or laboratory animals.**