# DEVELOP

**Product name:**    Rabbit anti-Sm-D2 Antibody

**Catalog:**         DL96367A

**Synonyms:**        SNRPD1; Small nuclear ribonucleoprotein Sm D2;
                     Sm-D2; snRNP core protein D2

**Immunogen:**       Recombinant full length protein of human Sm-D2

**Form:** Liquid                    **Concentration:** 1mg/mL

**Size:** 100 ul/50 ul              **Host:** Rabbit

**Reactivity:** Human,Mouse,Rat     **Application:** WB, IHC, IF/IC

**Clonality:** Polyclonal           **Dilution:** WB (1/500 - 1/2000),
                                    IHC (1/50 - 1/200), IF/IC (1/50 -
                                    1/200)
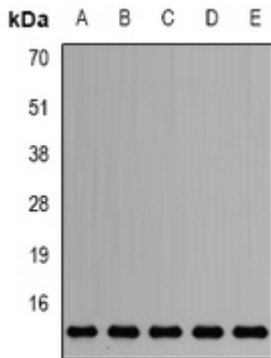
**Entrez Gene:** 6633/107686

**SwissProt:** P62316/P62317

**Purification:** The antibody was purified by immunogen affinity chromatography.

**Buffer:** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**WB description:**

Western blot analysis of Sm-D2 expression in HepG2 (A), Jurkat (B), mouse testis (C), mouse heart (D), rat brain (E) whole cell lysates.
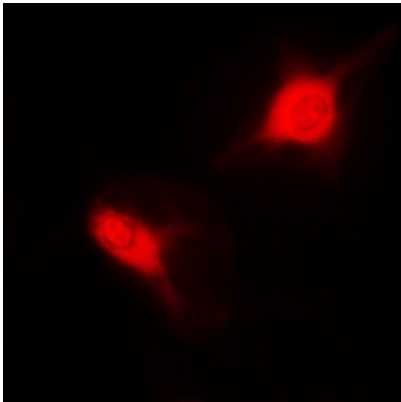


**IHC description:**

Immunohistochemical analysis of Sm-D2 staining in human lung

cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**IF/ICC description:**

Immunofluorescent analysis of Sm-D2 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



**Storage:**

Store at -20°C. Avoid repeated freeze / thaw cycles.