

Anti-DDR2 antibody [EPR18826-119] ab280354

重组 RabMAb

6 图像

概述

产品名称	Anti-DDR2抗体[EPR18826-119]
描述	兔单克隆抗体[EPR18826-119] to DDR2
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF, IHC-P or IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HT-1080, HUVEC, A-204, A375, Human stomach, ovary, lung, Mouse ovary, lung, C2C12, C6, Rat ovary and His-tagged human DDR2 recombinant protein (aa22-399).
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 59.94% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR18826-119
同种型	IgG

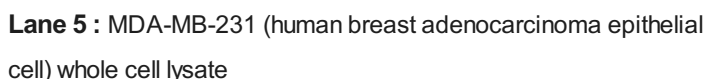
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用说明	Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.
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疾病相关

Defects in DDR2 are the cause of spondyloepimetaphyseal dysplasia short limb-hand type (SEMD-SL) [MIM:271665]. A bone disease characterized by short-limbed dwarfism, a narrow chest with pectus excavatum, brachydactyly in the hands and feet, a characteristic craniofacial appearance and premature calcifications. The radiological findings are distinctive and comprise short long bones throughout the skeleton with striking epiphyses that are stippled, flattened and fragmented and flared, irregular metaphyses. Platyspondyly in the spine with wide intervertebral spaces is observed and some vertebral bodies are pear-shaped with central humps, anterior protrusions and posterior scalloping.

细胞定位 Membrane.



Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 97 kDa

Observed band size: 120-130,70 kDa

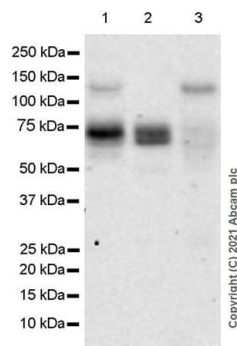
Blocking and diluting buffer and concentration: 5% NFDM/TBST

This blot was developed using a higher sensitivity ECL substrate.

The expression pattern is consistent with what has been described in the literature (PMID: 15111304, 29616590).

Negative control: MDA-MB-231 (PMID: 28147276, 29616590)

Exposure time: 158 seconds.



Western blot - Anti-DDR2 antibody [EPR18826-119] (ab280354)

All lanes : Anti-DDR2 antibody [EPR18826-119] (ab280354) at 1/1000 dilution

Lane 1 : Human stomach tissue lysate

Lane 2 : Human ovary tissue lysate

Lane 3 : Human lung tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

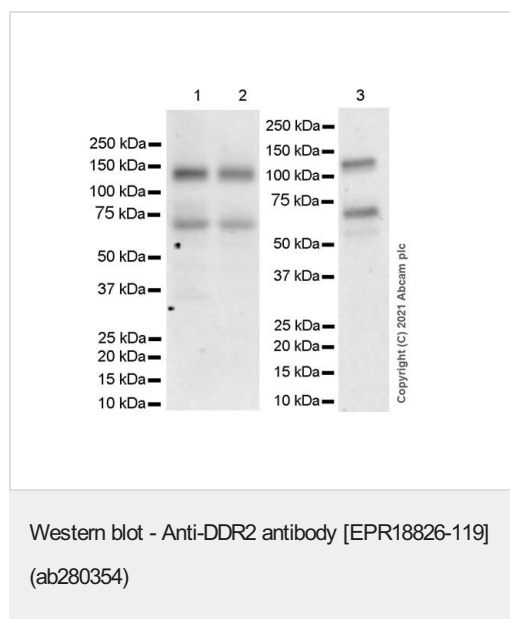
Predicted band size: 97 kDa

Observed band size: 120-130,70 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST

The expression pattern is consistent with what has been described in the literature (PMID: 15111304, 29616590).

Exposure time: 3 minutes.



All lanes : Anti-DDR2 antibody [EPR18826-119] (ab280354) at 1/1000 dilution

Lane 1 : Mouse ovary tissue lysate

Lane 2 : Mouse lung tissue lysate

Lane 3 : C2C12 (mouse myoblasts myoblast) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

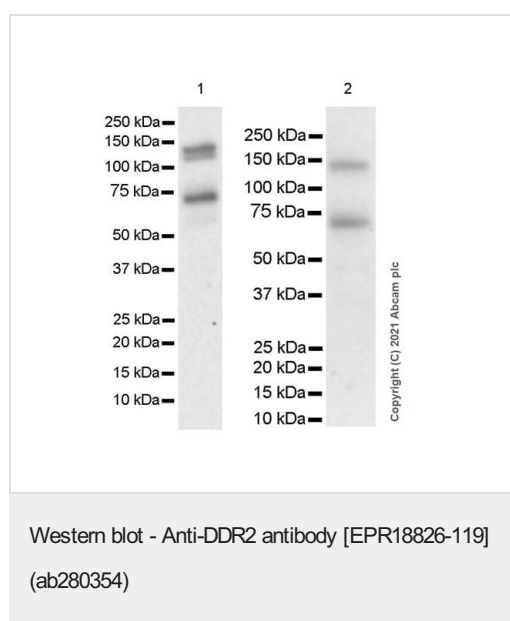
Predicted band size: 97 kDa

Observed band size: 120-130,70 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST

The expression pattern is consistent with what has been described in the literature (PMID: 15111304, 29616590).

Exposure time: 3 minutes.



All lanes : Anti-DDR2 antibody [EPR18826-119] (ab280354) at 1/1000 dilution

Lane 1 : C6 (rat glial tumor glial cell) whole cell lysate

Lane 2 : Rat ovary tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

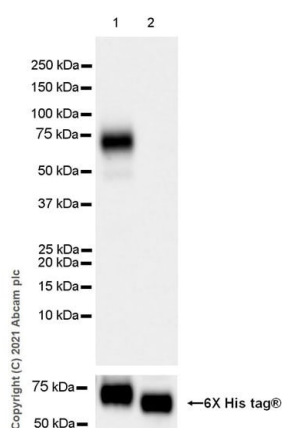
Predicted band size: 97 kDa

Observed band size: 120-130,70 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST

The expression pattern is consistent with what has been described in the literature (PMID: 15111304, 29616590).

Exposure time: 3 minutes.



Western blot - Anti-DDR2 antibody [EPR18826-119] (ab280354)

All lanes : Anti-DDR2 antibody [EPR18826-119] (ab280354) at 1/1000 dilution

Lane 1 : His-tagged human DDR2 recombinant protein (aa22-399)

Lane 2 : His-tagged human DDR1 recombinant protein (aa21-416)

Lysates/proteins at 0.03 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 97 kDa

Observed band size: 60 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST

This antibody can not recognize human DDR1.

Both recombinant proteins are made in house and extracted from HEK-293 expression systems.

Exposure time: 8 seconds

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-DDR2 antibody [EPR18826-119] (ab280354)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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