

K-Ras Monoclonal Antibody (A8E6)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	A8E6
Conjugate	Unconjugated
Immunogen	Recombinant protein within human KRAS aa 2-186/189.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4, with 0.1% BSA, 40% glycerol
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:200	-

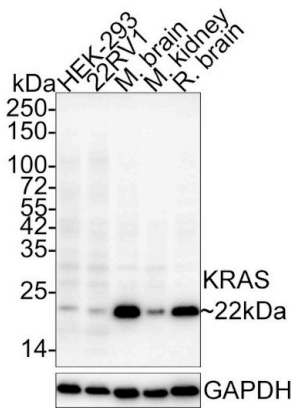
Product Specific Information

Positive control: Mouse brain tissue lysates, human brain tissue lysate, rat brain tissue lysate, human lung carcinoma tissue.

Predicted band size: 21 kDa

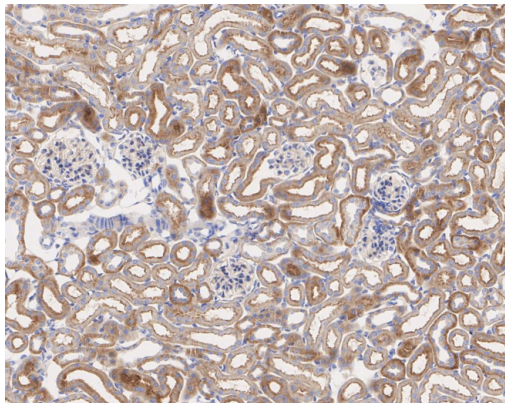
Subcellular Location: Cell membrane Cytoplasm.

Product Images For K-Ras Monoclonal Antibody (A8E6)



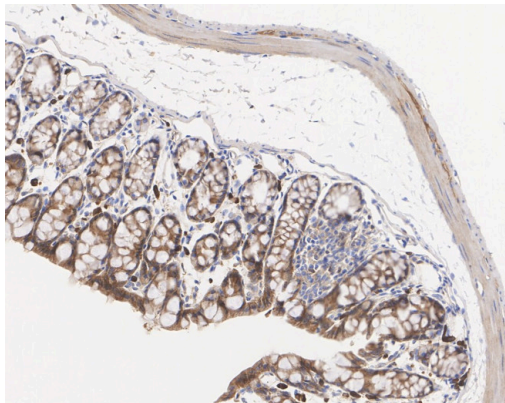
K-Ras Antibody (MA5-50603) in WB

Western blot analysis of K-Ras in different various lysates. Lane 1: HEK-293 cell lysate; Lane 2: 22RV1 cell lysate; Lane 3: Mouse brain tissue lysate; Lane 4: Mouse kidney tissue lysate; Lane 5: Rat brain tissue lysate Lysates/proteins at 30 µg/Lane. Predicted band size: 22 kDa. Observed band size: 22 kDa. Exposure time: 43 seconds; 4-20% SDS-PAGE gel. Primary antibody K-Ras monoclonal antibody (Product # MA5-50603) with a dilution of 1:2,000 was used in 5% NFDM/TBST at 4 overnight. Anti-Mouse IgG for immunoprecipitation Nano-secondary antibody with a dilution of 1:5,000 was used for 1 hour at room temperature. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature.



K-Ras Antibody (MA5-50603) in IHC (P)

Immunohistochemistry of K-Ras in paraffin-embedded mouse kidney tissue. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with K-Ras monoclonal antibody (Product # MA5-50603) with a dilution of 1: 1,000 for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen, and tissues were counterstained with hematoxylin and mounted with DPX.



K-Ras Antibody (MA5-50603) in IHC (P)

Immunohistochemistry of K-Ras in paraffin-embedded mouse colon tissue. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with K-Ras monoclonal antibody (Product # MA5-50603) with a dilution of 1: 1,000 for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen, and tissues were counterstained with hematoxylin and mounted with DPX.

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