AB-NN153
KDEL Receptor Antibody

Pan-specific monoclonal antibody (KR-10) for monitoring the expression of bovine KDEL Receptor

KINEXUS

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Target Protein

Name Long:	ER lumen protein-retaining receptor 1 (KDEL receptor)
Alias:	ERD2, ERD2.1, ERD21, HDEL, KDEL, KDEL R1, KDELR1, PM23
UniProt ID:	Q99JH8 - Bovine
Human Predicted Mass (KDa):	24.542 (212 AA; P24390-1); 17.487 (150 AA; P24390-2)
Observed SDS-PAGE Mass (KDa):	25

Immunogen

Antibody Immunogen Source:	A 21 residue synthetic peptide (amino acids 192-212) based on the bovine KDEL receptor and the peptide coupled to KLH

Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	149 IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4 pH7.2, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB	IHC	ICC/IF	IP
Antibody Dilution Recommended:	WB (1:1000), ICC/IF (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human	Mouse	Rat	Bovine	Monkey	Hamster	Rabbit	Pig	Sheep	Dog	Chicken	Drosophila	Xenopus
Antibody Positive Control:	1 µg/ml was sufficient for detection of KDEL receptor in 20 µg monkey Vero cell lysate by colorimetric immunoblot analysis using Goat Anti-Mouse IgG:AP as the secondary.
Target Detection Immunoblotting:	Detects a ~25 kDa protein.
Antibody Specificity:	Medium-high

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