

Rabbit anti-Human CD43 Polyclonal Antibody | anti-CD43 antibody

Rabbit anti-CD43 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212665	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

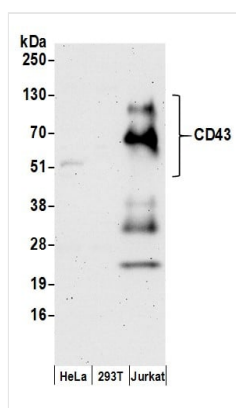
PRODUCT SYNONYMS

CD43; Polyclonal Antibody; Rabbit anti-CD43 Antibody; Affinity Purified; leukosialin; CD antigen CD43; sialophorin (gpL115; CD43); Sialophorin; LSN; leukocyte sialoglycoprotein; GPL115; GALGP; galactoglycoprotein; Leukosialin; sialophorin; anti-CD43 antibody

PRODUCT SPECIFICATIONS

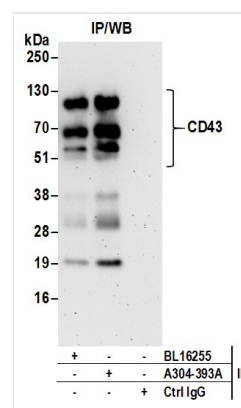
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CD43 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 350 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



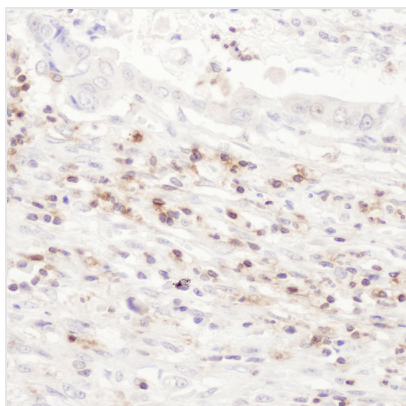
WB (Western Blot)

Detection of human CD43 by western blot. Samples: Whole cell lysate (50 ug) prepared using RIPA buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-CD43 antibody AAA212665 (lot AAA212665-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human CD43 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) prepared using RIPA buffer from Jurkat cells. Antibodies: Affinity purified rabbit anti-CD43 antibody AAA212665 (lot AAA212665-1) used for IP at 6 ug per reaction. CD43 was also immunoprecipitated by rabbit anti-CD43 antibody BL16255. For blotting immunoprecipitated CD43, AAA212665 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)
 Detection of human CD43 by immunohistochemistry. Sample: FFPE section of human lung cancer infiltrating cells. Antibody: Affinity purified rabbit anti-CD43 (Cat. No. AAA212665 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CD43 antibody	CD43 is a major sialoglycoprotein found on the surface of thymocytes, T lymphocytes, monocytes, granulocytes, and some B lymphocytes. It may be part of a physiologic ligand-receptor complex involved in T-cell activation. During T-cell activation, CD43 is actively removed from the T-cell-APC (antigen-presenting cell) contact site, suggesting a negative regulatory role in adaptive immune respons [taken from NCBI Entrez Gene (Gene ID: 6693)].
Product Categories/Family for anti-CD43 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	71979937
NCBI GeneID	6693
NCBI Accession #	NP_001025459.1
NCBI GenBank Nucleotide #	NM_001030288.2
UniProt Accession #	P16150 ; A8K9B1
Molecular Weight	40,322 Da
NCBI Official Full Name	leukosialin
NCBI Official Synonym Full Names	sialophorin
NCBI Official Symbol	SPN
NCBI Official Synonym Symbols	LSN; CD43; GALGP; GPL115
NCBI Protein Information	leukosialin; galactoglycoprotein; leukocyte sialoglycoprotein; sialophorin (gpL115, leukosialin, CD43)
UniProt Protein Name	Leukosialin
UniProt Gene Name	SPN
UniProt Synonym Gene Names	CD43; GALGP
UniProt Entry Name	LEUK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.