Benzodiazepine Monoclonal Antibody

Benzodiazepine

CATALOG #	APPLICATIONS
AAA36577	**Lateral Flow, ELISA**

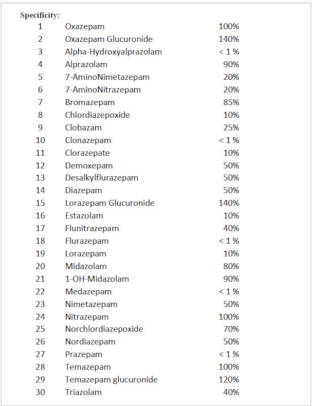
PRODUCT SYNONYMS

Benzodiazepine; Monoclonal Antibody; anti-Benzodiazepine antibody

PRODUCT SPECIFICATIONS

Clonality	Monoclonal
Isotype	IgG1, kappa light chain
Clone Number	M7-19
Specificity	Please see image below
Purity/Purification	Purity: >90% by SDS-PAGE Purification: Ion Exchange
Form/Format	Purified, liquid; 0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN3 pH7.2
Concentration	20.0mg/ml (OD280 nm, $E^{0.1\%}$ = 1.40) (varies by lot)
Applicable Applications for anti-Benzodiazepine antibody	LF (Lateral Flow), ELISA
Source	Mouse Ascites
Immunogen	Oxzapam -BSA
Host Animal	Hybridization of SP2/0 myeloma cells with spleen cells from Balb/c mouse
Pair information	Please inquire
Preparation and Storage	Store at 2 degrees C to 8 degrees C short term, -20 +/- 10 degrees C long term.

IMAGES



Specificity:

1	Oxazepam	100%
2	Oxazepam Glucuronide	140%
3	Alpha-Hydroxyalprazolam	< 1 %
4	Alprazolam	90%
5	7-AminoNimetazepam	20%
6	7-AminoNitrazepam	20%
7	Bromazepam	85%
8	Chlordiazepoxide	10%
9	Clobazam	25%
10	Clonazepam	< 1 %
11	Clorazepate	10%
12	Demoxepam	50%
13	Desalkylflurazepam	50%
14	Diazepam	50%
15	Lorazepam Glucuronide	140%
16	Estazolam	10%
17	Flunitrazepam	40%
18	Flurazepam	< 1 %
19	Lorazepam	10%
20	Midazolam	80%
21	1-OH-Midazolam	90%
22	Medazepam	< 1 %
23	Nimetazepam	50%
24	Nitrazepam	100%
25	Norchlordiazepoxide	70%
26	Nordiazepam	50%
27	Prazepam	< 1 %
28	Temazepam	100%
29	Temazepam glucuronide	120%
30	Triazolam	40%

Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-Benzodiazepine antibody	Description: Mouse anti-BZO Ab
Product Categories/Family for anti-Benzodiazepine antibody	Drugs of Abuse

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.

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Online datasheet: https://www.aaabiotech.com/monoclonal/benzodiazepine-antibody-clone-m7-19-lateral-flow-elisa/36577